



Asistența tehnică pentru elaborarea unui Master Plan General de Transport
 Programul Operațional nr. CC1.2007 RO 161 PO 003
 Cod proiect: POST/2011/4/10



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ANNEX I – List of projects included in the Preliminary Report on the Master Plan Short, Medium and Long Term on short, medium and long term

Table no. 1 List of projects included in the Do Minimum scenario (2020)

Index	Sector	Project Title	Cost (mill euro)	Implementing Authority
024	Air	Extension and modernization of the airport surfaces in Oradea Airport	31.7	Civil Authority Aviation
019	Air	Modernization of movement areas and beakoning system, control tower and ILS navigation system in Suceava Airport	31.9	Civil Authority Aviation
035	Air	Rehabilitation of movement area infrastructure in Craiova Airport	17.6	Civil Authority Aviation
021	Air	Rehabilitation of the apron and parkings in Constanta (M. Kogalniceanu) Airport	31.2	Civil Authority Aviation
099	Ports	CO-WANDA: Convention for waste management for inland navigation on the Danube	6.3	CN APDM SA
103	Ports	DAHAR - Strategic Development Plan for the Danube interior Ports	0.1	CN APDM SA
065	Ports	Extension of the breakwater in the Constanta Port	133.3	CN APM SA
066	Ports	Extension to the south of the gauge berth in the Port of Constanta	4.7	CN APM SA
104	Ports	GIFT- Green Intermodal Freight Transport Corridors in South East Europe	0.2	CN APDM SA
090	Ports	Infrastructure works in the Port of Braila - berths 23 and 25	7.8	CN APDM SA
102	Ports	Master Plan for the Constanta Port	2.0	CN APM SA
109	Ports	Modernizing port infrastructure by providing increasing depths of channels and basins and safety of navigation in Constanta Port	37.5	CN APM SA
084	Ports	Rehabilitation and modernization of the infrastructure in Oltenita Port	4.6	CN APDF SA
060	Ports	Stationary platform at the entrance of the Danube - Black Sea Channel	14.1	CN ACN SA
142	Rail	Current repairs for the public railway infrastructure for 2013-2020	558.0	CNCF CFR SA
236	Rail	Detection system for overheated axles and closed brakes (21 locations)	12.7	CNCF CFR SA
120	Rail	Developping of the rail infrastructure system in the Constanta Port (the fluvial-maritime sector)	16.9	CN APM SA
200	Rail	Developping the strategic noise maps and action plans for the major railways having more than 30,000 train movements per year - Stage I	61.8	CNCF CFR SA
170	Rail	Electrification of the Doaga-Tecuci-Barbosi line	57.2	CNCF CFR SA
153	Rail	Modernisation of the Border-Curtici-Arad-Simeria line: Section Border-Arad-km 614	282.7	CNCF CFR SA



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Index	Sector	Project Title	Cost (mill euro)	Implementing Authority
150	Rail	Modernisation of the Coșlariu - Sighișoara line at maximum speed of 160 km/h for passenger trains	944.8	CNCF CFR SA
217	Rail	Modernisation of the Focsani station	2.5	CNCF CFR SA
210	Rail	Modernisation of the railway stations in Romania: Bistrita, Zalau	28.4	CNCF CFR SA
211	Rail	Modernisation of the railway stations in Romania: Giurgiu Oraș, Slobozia Veche, Călărași Sud	18.1	CNCF CFR SA
214	Rail	Modernisation of the railway stations in Romania: Piatra Neamț, Botoșani, Vaslui, Brăila	29.4	CNCF CFR SA
213	Rail	Modernisation of the railway stations in Romania: Pitesti	15.6	CNCF CFR SA
212	Rail	Modernisation of the railway stations in Romania: Sfântu Gheorghe, Târgu Mureș	22.3	CNCF CFR SA
209	Rail	Modernisation of the railway stations in Romania: Slatina, Râmnicu Vâlcea, Reșița Sud	18.5	CNCF CFR SA
151	Rail	Modernisation of the Simeria - Coșlariu line at maximum speed of 160 km/h for passenger trains	663.1	CNCF CFR SA
240	Rail	Modernization of Videle interlocking station	9.6	CNCF CFR SA
237	Rail	Operational pilot project for a ECTS/ERTMS Level 2 application on the line section Buciumeni Junction - Brazi	45.1	CNCF CFR SA
129	Rail	Rehabilitation of the bridges, culverts and railways tunnels - Sucursala Brasov	11.2	CNCF CFR SA
133	Rail	Rehabilitation of the bridges, culverts and railways tunnels - Sucursala Constanta	2.4	CNCF CFR SA
132	Rail	Rehabilitation of the bridges, culverts and railways tunnels - Sucursala Timisoara	8.9	CNCF CFR SA
147	Rail	Rehabilitation of the Bucharest-Constanta line	904.4	CNCF CFR SA
134	Rail	Rehabilitation works for the Danube bridges at km 152+149 and at km 165+817, railway line Bucharest - Constanta - Regional Branch Constanta	40.6	CNCF CFR SA
144	Rail	RK for the 2013-2016 period	73.6	CNCF CFR SA
145	Rail	RK for the 2017-2020 period	376.4	CNCF CFR SA
238	Rail	Upgrading the electromechanical interlocking systems for 11 stations	36.0	CNCF CFR SA
239	Rail	Upgrading the electromechanical interlocking systems for 16 stations	68.0	CNCF CFR SA
338	Road	Access Road to Agigea Lock and sea-port Agigea, CDMN, left bank, between km 61 +800 and 63 +500, L = 1.700 m	1.7	CN ACN SA
272	Road	Alesd South and Alesd North Bypass	76.7	CNADNR SA
273	Road	Alexandria Bypass	41.6	CNADNR SA
274	Road	Bacau Motorway Bypass	231.5	CNADNR SA
280	Road	Brasov Bypass	85.0	CNADNR SA



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252	Road	Bridge on DN2E km 57+400, at Clit	0.3	CNADNR SA
253	Road	Bridge over Arges river, DN61 km 74+015 at Ionesti	7.0	CNADNR SA
254	Road	Bridge over Sai at DN54 km 67+774 and new road alligment for DN54, km 65 +950 - km 70 +600 at Turnu Magurele	5.8	CNADNR SA
268	Road	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	30.9	CN APM SA
269	Road	Bridge over the Danube-Black Sea Channel at km 0+540 and the access infrastructure in the Constanta Port; Phase 2 - construction of the road connections	6.0	CN APM SA
355	Road	Building the A3 motorway section in Bucharest Municipality	89.0	CNADNR SA
286	Road	Caracal Bypass	12.5	CNADNR SA
287	Road	Carei Bypass	19.5	CNADNR SA
288	Road	Cluj-Napoca East Bypass	132.2	CNADNR SA
342	Road	Consolidation works DN29D, km 18 +500 - km 20+816	7.7	CNADNR SA
290	Road	Craiova South Bypass	31.8	CNADNR SA
292	Road	Deva - Orastie Motorway	296.9	CNADNR SA
343	Road	Ease of traffic on DN1 km. 8+100 - km. 17+100 - Phase 7, the bypass ring section DN7-DN1A	44.7	CNADNR SA
302	Road	Iasi South Bypass: Phase 2	18.1	CNADNR SA
303	Road	Iasi South Bypass: Phase 3	29.7	CNADNR SA
304	Road	Iasi South Bypass: Phase 4	24.3	CNADNR SA
255	Road	Link road DN66A km 47+600 - km 66+204, Campu lui Neag-Cerna	54.2	CNADNR SA
270	Road	Link road to DN39 for the new bridge over the Danube-Black Sea Channel	29.6	CN APM SA
305	Road	Lugoj - Deva Motorway	1136.3	CNADNR SA
308	Road	Mihalesti Bypass	8.7	CNADNR SA
262	Road	Modernisation DN 73 Pitesti - Campulung - Brasov, km 13+800 - km 42+850; km 54+050 - km 128+250	110.3	CNADNR SA
260	Road	Modernisation DN29 Suceava - Botosani, section km 0+000 - km 39+071	32.1	CNADNR SA
349	Road	Modernisation DN2N km 52+860 - km 60+000 Jitia - Biscoa and new bridge over Ramnicu Sarat river la km 53+300	5.2	CNADNR SA
350	Road	Modernisation DN5, section Bucuresti - Adunatii Copaceni	22.4	CNADNR SA
261	Road	Modernisation DN71 Baldana - Targoviste - Sinaia, sections km 0+000 - km 44+130 and km 51+041 - km 109+905	69.1	CNADNR SA



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263	Road	Modernization DN 67B Scoarta - Pitesti km 0 +000 - km 188 +200	153.3	CNADNR SA
264	Road	Modernization DN 72 Gaiesti - Ploiesti km 0 +000 - km 76 +180	56.5	CNADNR SA
265	Road	Modernization of Bucharest Ring Road between A1 - DN7 and DN2 - A2 (widening to 4 lanes)	121.9	CNADNR SA
309	Road	Nadlac-Arad Motorway	307.7	CNADNR SA
311	Road	Oradea Bypass	52.9	CNADNR SA
312	Road	Orastie - Sibiu Motorway	600.2	CNADNR SA
257	Road	Rail overpass on the Arad Bypass (Brad-Curtici rail section and DJ709B)	10.7	CNADNR SA
256	Road	Rail overpass on the Arad Bypass (DN7 km 540 +248)	10.6	CNADNR SA
348	Road	Rehabilitation DN14 Sibiu-Medias, Medias-Sighisoara	75.8	CNADNR SA
346	Road	Rehabilitation DN15 Targu Mures - Reghin	22.1	CNADNR SA
347	Road	Rehabilitation DN15A Reghin - Saratel	41.1	CNADNR SA
351	Road	Rehabilitation DN18, Baia Mare - Iacobeni, section km 3+522 to km 220 +088	245.3	CNADNR SA
340	Road	Rehabilitation DN19 Satu Mare - Orchard, km 134 +950 - km 150 080	9.6	CNADNR SA
360	Road	Rehabilitation DN1H Rastoci -Zalau, km 75 +446 - km 128 +823	33.0	CNADNR SA
353	Road	Rehabilitation DN1H Zalau - Alesd, km 0+000 - km 69+334	101.7	CNADNR SA
356	Road	Rehabilitation DN24 (county limit Galati/Vaslui - Crasna)and DN24B	107.4	CNADNR SA
352	Road	Rehabilitation DN24 Crasna-Iasi, km 105 +720 - km 188 +150	69.3	CNADNR SA
354	Road	Rehabilitation DN2D Focsani - Ojdula km 0+000 - km 118+893	179.1	CNADNR SA
357	Road	Rehabilitation DN6 Alexandria-Craiova	171.3	CNADNR SA
344	Road	Rehabilitation DN66 Filiasi - Petrosani, km 0+000 - km 131+000	127.4	CNADNR SA
358	Road	Rehabilitation DN66 Filiasi - Petrosani, km 0+000 - km 131+000	127.4	CNADNR SA
345	Road	Rehabilitation DN76 Deva-Oradea, km 0+000 - km 184+390	223.5	CNADNR SA
359	Road	Rehabilitation of DN56 Craiova - Calafat km 0 +000 - km 87+047	111.7	CNADNR SA
341	Road	Rehabilitation DN1C Baia Mare - Orchard-Halmeu, km 155 +125 - km 216 +630	38.9	CNADNR SA
319	Road	Sacuieni Bypass	12.1	CNADNR SA
362	Road	Safety measures on DN1 in linear villages and black spots	38.0	CNADNR SA
320	Road	Satu Mare Bypass	139.6	CNADNR SA
321	Road	Sebes - Turda Motorway	811.1	CNADNR SA
325	Road	Stei Bypass	113.6	CNADNR SA
327	Road	Suceava Bypass	68.7	CNADNR SA
330	Road	Targu Jiu Bypass	88.3	CNADNR SA



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331	Road	Targu Mures Bypass	72.6	CNADNR SA
333	Road	Tecuci Bypass	18.9	CNADNR SA
334	Road	Timisoara South Bypass	96.9	CNADNR SA
361	Road	Traffic calming measures on 4 lanes national roads	29.0	CNADNR SA
266	Road	Widening to 4 lanes between A2 Centura Bucuresti Sud (km 23 +600) and A1 (km 55 +520)	193.0	CNADNR SA
267	Road	Widening to 4 lanes DN7 Baldana Titu km 30 +950- km 52 +350	37.0	CNADNR SA
097	Waterways	Building an administrative complex in Port of Giurgiu	2.6	RA AFDJ Galati
403	Waterways	Improving the navigation conditions on the lower Danube (Calarasi-Braila)	38.7	RA AFDJ Galati
371	Waterways	IRIS Europe 3	1.1	RA AFDJ Galati
381	Waterways	Monitoring the environmental impact of the works to improve navigation conditions on the Danube between Calarasi and Braila, km 375-km 175-Phase II	1.4	RA AFDJ Galati
098	Waterways	Newada Duo Project	0.2	RA AFDJ Galati
384	Waterways	Protection for banks at Sulina Channel - Stage I	76.0	RA AFDJ Galati
373	Waterways	Stationary platform for barges at the confluence of the Black Sea and Danube waterways Gate Alba Midia Navodari	2.7	CN ACN SA
378	Waterways	System for gathering and processing of the ships waste and for pollution intervention on the Danube sector administrated by CN APDF SA Giurgiu	8.6	CN APDF SA
376	Waterways	The modernization of the water management system on the navigable channels by installing automatic monitoring stations	3.6	CN ACN SA
377	Waterways	Upgrading the locks, equipments and installations for CDMN and CPAMN	175.6	CN ACN SA

Note: AECOM analysis of projects received, Preliminary Report on the Master Plan Short, Medium and Long Term on short, medium and long term

Costs are in mill EURO, 2012 prices, undiscounted

Reference case projects have committed funding and implementation programmes



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Table no. 2 -2020 Strategy: List of Projects

Index	Sector	Project Title	Cost	Implementing Authority	Nature of investment
002	Air	Freight Terminal at Timisoara Airport	46.416	Civil Authority Aviation	Freight terminals
003	Air	Security System at Baia Mare Airport	0.5	Civil Authority Aviation	Information Systems, Ticketing
004	Air	Consolidation and extension movement areas at Baia Mare Airport	15	Civil Authority Aviation	Infrastructure
005	Air	Construction of a cargo terminal at Cluj-Napoca Airport	9.57	Civil Authority Aviation	Infrastructure
006	Air	Construction of movement surfaces in Cluj-Napoca International Airport	23.886	Civil Authority Aviation	Infrastructure
009	Air	Development and modernization of Iasi International Airport - Module 4 (plane parking and maintenance hangar)	3.79	Civil Authority Aviation	Infrastructure
010	Air	Taking off and touch down runway of 3,500 m - Phase I (2,100m completed) and Movement Area in Cluj-Napoca International Airport	37.135	Civil Authority Aviation	Infrastructure
011	Air	Modernisation of the public area infrastructure in Cluj-Napoca International Airport	6.67	Civil Authority Aviation	Infrastructure
013	Air	Development and modernization of Iasi International Airport - Module 1 (runway, boarding-landing platform, lights)	32.191	Civil Authority Aviation	Modernisation
020	Air	Rehabilitation and modernisation of PDA1 runway in Bucharest Henri Coanda Airport	46.692	Civil Authority Aviation	Modernisation
025	Air	Building passenger terminal and additional facilities (offices, business and passengers spaces, etc.) in Constanta (M. Kogalniceanu) Airport	1.933	Civil Authority Aviation	Passenger Terminals
026	Air	Development and modernization of Iasi International Airport - Module 2 (passenger terminal)	43.953	Civil Authority Aviation	Passenger Terminals
027	Air	Expanding the passenger terminal in Baia Mare Airport	1.5	Civil Authority Aviation	Passenger Terminals
029	Air	Passenger terminal in Constanta (M. Kogalniceanu) Airport	19.333	Civil Authority Aviation	Passenger Terminals
032	Air	Rehabilitation of the Bravo, Alfa, November and Whisky taxiways in Bucharest Henri Coanda Airport	4.85	Civil Authority Aviation	Rehabilitation
033	Air	Rehabilitation of Apron/Platform 1 in Bucharest Henri Coanda	14.749	Civil Authority Aviation	Rehabilitation



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Index	Sector	Project Title	Cost	Implementing Authority	Nature of investment
		Airport		Authority	
034	Air	Rehabilitation of Apron/ Platform 2 in Bucharest Henri Coanda Airport	15.383	Civil Authority Aviation	Rehabilitation
036	Air	Rehabilitation works for CR PAPA and over-widening of the runways intersections in Bucharest Henri Coanda Airport	1.091	Civil Authority Aviation	Rehabilitation
037	Air	Rehabilitation of Golf and Oscar taxiways, including an aircraft turntable at PDA2 in Bucharest Henri Coanda Airport	6.79	Civil Authority Aviation	Rehabilitation
044	Air	Lighting system/Warning lights for movement surfaces in Constanta (M. Kogalniceanu) Airport	0.131	Civil Authority Aviation	Signalling & Control
045	Air	Turning facilities for a B747-400 in Constanta (M. Kogalniceanu) Airport	1.574	Civil Authority Aviation	Signalling & Control
046	Air	Construction of Intermodal Terminal at Timisoara Airport	109.043	Civil Authority Aviation	Passenger Terminals
047	InterModal	Intermodal Terminal at Galati Port (Bazinul Nou)	12	CN APDM SA	Freight terminals
048	InterModal	Intermodal Terminal at Galati Port (zona docuri)	12	CN APDM SA	Freight terminals
049	Air	Development and modernization of Iasi International Airport - Module 3 (freight terminal) Air-Road	5.085	Civil Authority Aviation	Freight terminals
050	InterModal	Developing the Danube ports as intermodal freight centers - Port of Drobeta Turnu Severin	8	CN APDF SA	Infrastructure
051	InterModal	Building a intermodal terminal at Port of Giurgiu	10.63	CNCF CFR SA	Infrastructure
053	InterModal	Building of an intermodal terminal in the Timisoara area	18.019	Private Companies	Infrastructure
057	InterModal	Building of an intermodal terminal in the Bucharest area	19.23	Private Companies	Infrastructure
061	Ports	Building new container terminal in Constanta Port (moles III and IV south)	293.8	CN APM SA	Freight terminals
064	Ports	New terminal for general goods in Galati Port	5.387	CN APDM SA	Infrastructure
071	Ports	Modernization of the infrastructure in the Basarabi Port	5.5	CN ACN SA	Modernisation
076	Ports	D.A.N.U.B.E. - Network access Danube - Unlocking movements in Europe through the development of infrastructure in Romania TEN-T ports - Calafat Port	15.164	CN APDF SA	Modernisation
078	Ports	D.A.N.U.B.E. - Network access Danube - Unlocking movements in Europe through the development of infrastructure in Romania TEN-T ports - Cernavoda Port	6.895	CN APDF SA	Modernisation
079	Ports	D.A.N.U.B.E. - Network access Danube - Unlocking movements in Europe through the development of infrastructure in Romania TEN-T ports - Drobeta-Turnu	16.754	CN APDF SA	Modernisation



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Index	Sector	Project Title	Cost	Implementing Authority	Nature of investment
		Severin Port			
080	Ports	D.A.N.U.B.E. - Network access Danube - Unlocking movements in Europe through the development of infrastructure in Romania TEN-T ports - Giurgiu Port	4.203	CN APDF SA	Modernisation
081	Ports	D.A.N.U.B.E. - Network access Danube - Unlocking movements in Europe through the development of infrastructure in Romania TEN-T ports - Moldova Veche Port	3.642	CN APDF SA	Modernisation
082	Ports	D.A.N.U.B.E. - Network access Danube - Unlocking movements in Europe through the development of infrastructure in Romania TEN-T ports - Oltenita Port	5.527	CN APDF SA	Modernisation
083	Ports	Extension of the infrastructure in Calafat Port and the systematization of its rail network	3.94	CN APDF SA	Modernisation
088	Ports	Rehabilitation and modernization of the infrastructure in the ports outside the TEN-T network - Corabia Port	4.462	CN APDF SA	Modernisation
089	Ports	Rehabilitation and modernization of the infrastructure in the ports outside the TEN-T network - Orsova Port	7.755	CN APDF SA	Modernisation
091	Ports	Modernisation of ports infrastructure to assure the necessary depths and safety for the Maritime Sector of the Danube River - Stage 1 - Galati Port	6.759	CN APDM SA	Modernisation
092	Ports	Port infrastructure works - Berth 32 in Galati Port	4.912	CN APDM SA	Modernisation
123	Rail	Building of the Valcele - Ramnicu Valcea new line	316.081	CNCF CFR SA	Infrastructure
125	Rail	Re-opening the railway bridge on the Arges river, Bucharest-Giurgiu line, between Vidra and Gradiste stations	58.694	CNCF CFR SA	Maintenance / Renewals
148	Rail	Modernisation of the Predeal-Brasov line at maximum speed of 160 km/h for passenger trains	191.991	CNCF CFR SA	Modernisation
149	Rail	Modernisation of the Brasov-Simeria line, section Brasov-Sighisoara at maximum speed of 160 km/h for passenger trains	1656.296	CNCF CFR SA	Modernisation
152	Rail	Modernisation of the km 614-Gurasada and Gurasada-Simeria line at maximum speed of 160 km/h for passenger trains	1915.602	CNCF CFR SA	Modernisation
154	Rail	Modernisation of the Caransebes-Timisoara-Arad line for getting to higher speeds	638.276	CNCF CFR SA	Modernisation
155	Rail	Modernisation of the Caransebes-Drobeta Turnu Severin-Craiova line for getting to higher speeds	1543.295	CNCF CFR SA	Modernisation
156	Rail	Modernisation of the Craiova-Calafat line at maximum speed of 160 km/h for passenger trains	539.737	CNCF CFR SA	Modernisation



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193	Rail	Regular-Interval Service Pattern	2.5	CFR Calatori SA	Other
194	Rail	Renewal of rolling stock fleet by providing new diesel single-deck train set for medium and long distance	2.1	CFR Calatori SA	Other
197	Rail	Repairs and modernization of the fuels and lubricants deposits	12	CFR Calatori SA	Other
198	Rail	Extending the digital network for 640 km of lines. Stage III	29.813	CNCF CFR SA	Other
199	Rail	Modernisation of the vehicle fleet and machinery involved in line maintenance and in interventions - 2014-2020	156	CNCF CFR SA	Other
215	Rail	Modernisation of the railway stations in Romania: Stage V	154.424	CNCF CFR SA	Rail stations
226	Rail	New rolling stock (diesel multiple units) and dmu depot	599.5	CFR Calatori SA	Rolling Stock (dmu)
227	Rail	New rolling stock (electric multiple units) and emu depot	419.5	CFR Calatori SA	Rolling Stock (emu)
241	Rail	Modernization of Braila electronic interlocking station	5.757	CNCF CFR SA	Signalling & Control
251	Rail	Protection for the railway lines by plantation of trees	1.68	CNCF CFR SA	Safety
258	Road	Extension to 4 lanes of the link road between Gate 7, the new bridge over the channel and Gate 8 and 9 in Constanta Port	18.583	CN APM SA	Modernisation
259	Road	Extension to 4 lanes of the link road between Gates 10 and 10bis in Constanta Port	4.103	CN APM SA	Modernisation
281	Road	Bucharest North Bypass Motorway, km 0 +000 - km 52 770	840.469	CNADNR SA	New alignment
282	Road	Bucharest South Bypass Motorway km 52+770 - km 100+765	643.937	CNADNR SA	New alignment
285	Road	Campulung Moldovenesc Bypass	107.271	CNADNR SA	New alignment
289	Road	Comarnic-Brasov Motorway	797.724	CNADNR SA	New alignment
310	Road	Craiova - Pitesti Motorway	1995.902	CNADNR SA	New alignment
315	Road	Radauti Bypass	37.467	CNADNR SA	New alignment
323	Road	Sighisoara Bypass	43.8	CNADNR SA	New alignment
337	Road	Vatra Dornei Bypass	76.949	CNADNR SA	New alignment
363	Road	Sibiu - Pitesti Motorway	2682.79	CNADNR SA	New alignment
375	Waterways	Improving the navigation conditions on the common Ro-Bg Danube sector	200	RA AFDJ Galati	Infrastructure
382	Waterways	Protection and enforcement of the high banks on the canal CDMN	178.752	CN ACN SA	Rehabilitation
386	Waterways	Modernization of the "Perseus" ice breaker	8.13	RA AFDJ Galati	Ships
387	Waterways	Purchase of one oil tanker	1.5	RA AFDJ Galati	Ships
388	Waterways	Purchase of an multifunctional ship 1600 hp	12	RA AFDJ Galati	Ships
389	Waterways	Purchase of one ship for maritime signaling for the maritime section of the Danube river and Sulina channel	2	RA AFDJ Galati	Ships



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390	Waterways	Purchase of two maritime boats	2	RA AFDJ Galati	Ships
391	Waterways	Purchase of two river boats	1	RA AFDJ Galati	Ships
392	Waterways	Purchase of two ships for fluvial signaling for the entire Romanian section of the River Danube	3	RA AFDJ Galati	Ships
395	Waterways	ANNA - Advanced National Network for the Administrations - Single Electronic Interface	2.806	ANR	Technical Assistance
396	Waterways	Goniometric system (Radio Direction Finder) for locating ships in distress in the maritime area of responsibility of Romania	3.562	CNCR RadioNav SA	Signalling & Control
400	Waterways	Minimizing the adverse effects of maritime transport on the environment by purchasing a specialized vessel for oil spill response at sea	13	ARSVOM	Ships
401	Waterways	Improvement of maritime safety by acquiring a specialized vessel for fire-fighting to ships and oil platforms	25	ARSVOM	Ships
402	Waterways	Improvement of maritime safety by aquisition of a specialized search and rescue vessel	18	ARSVOM	Ships

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Table no. 3 List of Candidate Projects to be implemented after year 2020 (2030 Strategy)

Index	Sector	Classification	Project Title	Cost	Implementing Authority
012	Air	Infrastructure Projects/Programme of National Importance	Strategic airport infrastructure development programe of Bucharest Henri Coanda Airport	878.5	Civil Aviation Authority
052	Inter Modal	Infrastructure Projects/Programme of National Importance	Building of an intermodal terminal in the Iasi area	18.0	Private Companies
054	Inter Modal	Infrastructure Projects/Programme of National Importance	Building of an intermodal terminal in the Suceava area	19.2	Private Companies
055	Inter Modal	Infrastructure Projects/Programme of National Importance	Building of an intermodal terminal in the Brasov area	19.2	Private Companies
059	Inter Modal	Infrastructure Projects/Programme of National Importance	Building of passenger and freight intermodal terminal at Cluj-Napoca International Airport	2.0	CNCF CFR SA
074	Ports	Infrastructure Projects/Programme of National Importance	Rehabilitation of the waiting front Duc D'Albi upstream Basarabi Port	5.0	CN ACN SA
135	Rail	Maintenance & Renewal Existing Resources	Rehabilitation works for bridges, culverts and tunnels - Stage II	248.2	CNCF CFR SA
137	Rail	Maintenance & Renewal Existing Resources	Modernisation of the railway level crossings - 112 crossings - Stage I	20.1	CNCF CFR SA
138	Rail	Maintenance & Renewal Existing Resources	Modernisation of the railway level crossings - Stage II (154 crossings)	28.1	CNCF CFR SA
139	Rail	Maintenance & Renewal Existing Resources	Modernisation of the railways level crossings - Stage III (786 crossings)	90.0	CNCF CFR SA
141	Rail	Maintenance & Renewal Existing Resources	Maintenance works for the public railway infrastructure for 2021-2030	1368.0	CNCF CFR SA
143	Rail	Maintenance & Renewal Existing Resources	Current repairs for the public railway infrastructure for 2021-2030	798.0	CNCF CFR SA
146	Rail	Maintenance & Renewal Existing Resources	RK for the 2021-2030 period	1369.0	CNCF CFR SA



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157	Rail	Infrastructure Projects/Programme of National Importance	Modernisation of the Timișoara – Stămora Moravița - Border line	210.1	CNCF CFR SA
158	Rail	Infrastructure Projects/Programme of National Importance	Modernisation of the Pascani-Iasi-Cristești Jijia-Border line for higher speeds	904.0	CNCF CFR SA
159	Rail	Infrastructure Projects/Programme of National Importance	Modernisation of the Bacau-Pascani line for getting to higher speeds	673.9	CNCF CFR SA
160	Rail	Infrastructure Projects/Programme of National Importance	Modernisation of the Focsani- Bacau line for getting to higher speeds	1087.7	CNCF CFR SA
161	Rail	Infrastructure Projects/Programme of National Importance	Modernisation of the Ploiesti-Focsani line for getting to higher speeds	928.3	CNCF CFR SA
162	Rail	Infrastructure Projects/Programme of National Importance	Modernisation of the Bucuresti Nord-Jilava-Giurgiu line for getting to higher speeds	276.0	CNCF CFR SA
163	Rail	Infrastructure Projects/Programme of National Importance	Modernisation of the Giurgiu-Videle-Bucuresti line for getting to higher speeds	724.2	CNCF CFR SA
164	Rail	Infrastructure Projects/Programme of National Importance	Modernisation of the Craiova – Roșiori - Videle line for getting to higher speeds	395.0	CNCF CFR SA
165	Rail	Infrastructure Projects/Programme of National Importance	Modernisation of the Border - Vicșani – Suceava – Pașcani line for getting to higher speeds	460.0	CNCF CFR SA
166	Rail	Infrastructure Projects/Programme of National Importance	Modernisation of the Dej – Beclean on Someș River – Salva – Vatra Dornei – Suceava line for getting to higher speeds	1700.0	CNCF CFR SA
167	Rail	Infrastructure Projects/Programme of National Importance	Modernisation of the Dej – Apahida-Coslariu line for getting to higher speeds	1150.0	CNCF CFR SA
171	Rail	Maintenance & Renewal Existing	Modernisation of the railways electrical network	50.0	CNCF CFR SA



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		Resources			
177	Rail	Infrastructure Projects/Programme of National Importance	Electrification and doubling the Cluj-Oradea section	543.6	CNCF CFR SA
216	Rail	Infrastructure Projects/Programme of National Importance	Modernisation of the railway stations in Romania: Stage VI	99.1	CNCF CFR SA
218	Rail	Infrastructure Projects/Programme of National Importance	Modernisation of Baia Mare, Satu Mare, Miercurea Ciuc, Târgoviște and Târgu Jiu rail stations	51.5	CNCF CFR SA
224	Rail	Maintenance & Renewal Existing Resources	Modernisation of 100 Faccs wagons	25.0	CFR Marfa SA
225	Rail	Maintenance & Renewal Existing Resources	Purchasing of 50 Habbins wagons	3.5	CFR Marfa SA
233	Rail	Investments in Equipments, eg. Rolling Stocks, vessels	Electric locomotive equipment with continuously control system of ETCS/ERTMS type traffic train, Stage 2	45.6	CFR Calatori SA
235	Rail	Investments in Equipments, eg. Rolling Stocks, vessels	The implementation of the telematic application for real -time monitoring of the train traffic on the existing GIS platform	1.5	CFR Calatori SA
277	Road	Infrastructure Projects/Programme of National Importance	Bistrita Bypass	138.9	CNADNR SA
278	Road	Infrastructure Projects/Programme of National Importance	Gilău-Nădășelu-Suplacu de Barcău-Borș Motorway	950.0	CNADNR SA
279	Road	Infrastructure Projects/Programme of National Importance	Arad-Oradea Expressway	350.0	CNADNR SA
322	Road	Infrastructure Projects/Programme of National Importance	Sibiu - Brasov Motorway	1028.5	CNADNR SA
364	Road	Infrastructure Projects/Programme of National Importance	Ploiesti - Comarnic Motorway	800.0	CNADNR SA
365	Road	Infrastructure	București - Alexandria - Craiova Motorway	1312.5	CNADNR SA



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Index	Sector	Classification	Project Title	Cost	Implementing Authority
		Projects/Programme of National Importance			
366	Road	Infrastructure Projects/Programme of National Importance	Craiova - Calafat Motorway	552.5	CNADNR SA
367	Road	Infrastructure Projects/Programme of National Importance	Ploiesti - Buzau -Focșani - Bacău - Suceava - Siret Motorway	4000.0	CNADNR SA
368	Road	Infrastructure Projects/Programme of National Importance	Brasov - Bacau Motorway	1800.0	CNADNR SA
369	Road	Infrastructure Projects/Programme of National Importance	Bacau - Iasi - Ungheni Motorway	0.9	CNADNR SA
370	Road	Infrastructure Projects/Programme of National Importance	Turda - Tg Mures - Iasi - Ungheni Motorway	4500.0	CNADNR SA
372	Water	Infrastructure Projects/Programme of National Importance	Fitting Arges and Dambovitza rivers for navigation and other uses (the Danube-Bucharest Channel)	1381.0	CN ACN SA
385	Water	Investments in Equipments, eg. Rolling Stocks, vessels	Dredging and maintenance fluvial ship	20.0	RA AFDJ Galati

Note: AECOM analysis of projects received, Preliminary Report on the Master Plan Short, Medium and Long Term on short, medium and long term
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ANNEX II – List of projects included in the Final Report on the Master Plan Short, Medium and Long Term on short, medium and long term (available 31.08.2014)

Table no. 4 List of projects included in the Do Minimum scenario (Reference Case)

Index	Sector	Project description	Indicative route provided by the beneficiary	Approximate location on Google Earth satellite images Pro	Unable to estimate location as a result of very vague formulation	Project is not subject to EA (by type of project)	Observation
019	Air_019	Modernization of movement areas and beakoning system, control tower and land development for locating the ILS navigation system in Suceava Airport		Yes			
021	Air_021	Rehabilitation of the apron and parkings in Constanta (M. Kogalniceanu) Airport		Yes			
060	Port_001	Stationary platform for barges at the confluence of the Black Sea and Danube waterways and Gate Alba-Midia Navodari Channels			Yes		
065	Port_006	Extension of the breakwater in the Constanta Port			Yes		
066	Port_007	Extension to the south of the gauge berth in the Port of Constanta			Yes		
084	Port_025	Rehabilitation and modernization of the infrastructure in Oltenita Port			Yes		
090	Port_031	Infrastructure works in the Port of Braila - berths 23 and 25			Yes		
097	Port_038	Building an administrative complex in Port of Giurgiu			Yes		
098	Port_039	Newada Duo Project				Yes	
099	Port_040	CO-WANDA: Convention for waste management for inland navigation on the Danube				Yes	
102	Port_043	Master Plan for the Constanta Port			Yes		
103	Port_044	DAHAR - Strategic Development Plan for the Danube interior Ports			Yes		
104	Port_045	GIFT- Green Intermodal Freight Transport Corridors in South East Europe			Yes		
109	Port_050	Modernizing port infrastructure by providing increasing depths of channels and basins and safety of navigation in Constanta Port			Yes		
120	Rail_010	Developing the rail infrastructure capacity in the Constanta Port (the fluvial-maritime sector)				Yes	
127	Rail_017	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Craiova			Yes		



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Index	Sector	Project description	Indicative route provided by the beneficiary	Approximate location on Google Earth satellite images Pro	Unable to estimate location as a result of very vague formulation	Project is not subject to EA (by type of project)	Observation
128	Rail_018	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Cluj			Yes		
129	Rail_019	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Brasov			Yes		
130	Rail_020	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Bucuresti			Yes		
131	Rail_021	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Iasi			Yes		
132	Rail_022	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Timisoara			Yes		
133	Rail_023	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Timisoara			Yes		
134	Rail_024	Rehabilitation works for the Danube bridges at km 152+149 and at km 165+817, railway line Bucharest - Constanta - Regional Branch Constanta		Yes			
137	Rail_027	Modernisation of the railway level crossings - 112 crossings - Stage I			Yes		
142	Rail_032	Current repairs for the public railway infrastructure for 2013-2020			Yes		
144	Rail_034	RK(capital repairing) at the public rail infrastructure for the 2013-2016 period			Yes		
147	Rail_037	Rehabilitation of the Bucharest-Constanta line		Yes			
150	Rail_040	Modernisation of the Coșlariu - Sighișoara line, component of the IV Pan – European Corridor, at maximum speed of 160 km/h for passenger trains	Yes				
151	Rail_041	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	Yes				
153	Rail_043	Modernisation of the Border-Curtici-Arad-Simeria line: Section 1 Border-Arad-km 614	Yes				
170	Rail_060	Electrification of the Doaga-Tecuci-Barbosi line		Yes			
200	Rail_090	Developping the strategic noise maps and action plans for the major railways having more than 30,000 train movements per year		Yes		Da	



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		- Stage I					
209	Rail_099	Modernisation of the railway stations in Romania: Slatina, Râmnicu Vâlcea, Reșița Sud		Yes			
210	Rail_100	Modernisation of the railway stations in Romania: Bistrita, Zalau		Yes			
211	Rail_101	Modernisation of the railway stations in Romania: Giurgiu Oraș, Slobozia Veche, Călărași Sud		Yes			
212	Rail_102	Modernisation of the railway stations in Romania: Sfântu Gheorghe, Târgu Mureș		Yes			
213	Rail_103	Modernisation of the railway stations in Romania: Pitesti		Yes			
214	Rail_104	Modernisation of the railway stations in Romania: Piatra Neamț, Botoșani, Vaslui, Brăila		Yes			
217	Rail_107	Modernisation of the Focsani station		Yes			
236	Rail_126	Sistem de detectare a cutiilor de osii supraîncălzite și a frânelor strânse - 21 locatii			Yes		
237	Rail_127	Proiect pilot operational pentru o aplicatie ECTS/ERTMS nivel 2 pe tronsonul CF Ramificatia Buciumeni-Semnal intrare Brazi			Yes		
238	Rail_128	Modernizarea instalațiilor de centralizare electromecanică pe secția de circulație CEM 11 Statii Bucuresti- Craiova ETAPA II			Yes		
239	Rail_129	Modernizarea instalațiilor de centralizare electromecanică pe secția de circulație CEM 16 Statii Brasov, Cluj, Craiova, Timisoara ETAPA II			Yes		
240	Rail_130	Modernization of Videle interlocking station		Yes			
252	Road_001	Bridge on DN2E km 57+400, at Clit		Yes			
253	Road_002	Bridge over Arges river, DN61 km 74+015 at Ionesti		Yes			
254	Road_003	Bridge over Sai at DN54 km 67+774 and new road alligment for DN54, km 65 +950 - km 70 +600 at Turnu Magurele		Yes			
255	Road_004	Link road DN66A km 47+600 - km 66+204, Campu lui Neag-Cerna		Yes			
256	Road_005	Rail overpass on the Arad Bypass (DN7 km 540 +248)		Yes			
257	Road_006	Rail overpass on the Arad Bypass (Brad-Curtici rail section and DJ709B)		Yes			
264	Road_013	Modernization DN 72 Gaiesti - Ploiesti km 0 +000 - km 76 +180		Yes			



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265	Road_014	Modernization of Bucharest Ring Road between A1 - DN7 and DN2 - A2 (widening to 4 lanes)	Yes				
268	Road_017	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	Yes				
269	Road_018	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	Yes				
272	Road_021	Alesd South and Alesd North Bypass	Yes				
273	Road_022	Alexandria Bypass	Yes				
274	Road_023	Bacau Bypass	Yes				
280	Road_029	Brasov Bypass	Yes				
286	Road_035	Caracal Bypass	Yes				
287	Road_036	Carei Bypass	Yes				
288	Road_037	Cluj-Napoca East Bypass		Yes			
290	Road_039	Craiova South Bypass	Yes				
292	Road_041	Deva - Orastie Motorway	Yes				
304	Road_053	Iasi South Bypass: Phase 4 Light Traffic (Sector km 0+000 - km 8+175) and Penetration		Yes			
305	Road_054	Lugoj - Deva Motorway	Yes				
308	Road_057	Mihailesti	Yes				
309	Road_058	Nadlac-Arad Motorway	Yes				
311	Road_060	Oradea Bypass – Phase II	Yes	Yes			
312	Road_061	Orastie - Sibiu Motorway	Yes				
319	Road_068	Sacuieni Bypass	Yes				
320	Road_069	Satu Mare Bypass	Yes				
321	Road_070	Sebes - Turda Motorway	Yes				
325	Road_074	Stei Bypass	Yes				
327	Road_076	Suceava Bypass	Yes				
330	Road_079	Targu Jiu Bypass	Yes				



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331	Road_080	Targu Mures Bypass	Yes				
333	Road_082	Tecuci Bypass	Yes				
338	Road_087	Access Road to Agigea Lock and sea-port Agigea, CDMN, left bank, between km 61 +800 and 63 +500, L = 1.700 m			Yes		
342	Road_091	Consolidation works DN29D, km 18 +500 - km 20+816		Yes			
343	Road_092	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		Yes			
344	Road_093	Rehabilitation DN76 Deva-Oradea, km 0+000 - km 184+390		Yes			
345	Road_094	Modernisation DN2N km 52+860 - km 60+000 Jitia - Biscoa and new bridge over Ramnicu Sarat river la km 53+300		Yes			
349	Road_098	Modernisation DN5, section Bucuresti - Adunatii Copaceni		Yes			
350	Road_099	Rehabilitation DN2D Focsani - Ojdula km 0+000 - km 118+893		Yes			
354	Road_103	Building the A3 motorway section in Bucharest Municipality		Yes			
355	Road_104	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 Lot 3: DN 24B km 22+000 – DN 24B km 47+881 (Albita border)		Yes			
356	Road_105	Rehabilitation DN 6 Alexandria Craiova		Yes			
357	Road_106	Rehabilitation DN66 Filiasi - Petrosani, km 0+000 - km 131+000		Yes			
358	Road_107	Rehabilitation of DN56 Craiova - Calafat km 0 +000 - km 87+047					Copy
359	Road_108	Rehabilitation DN1H Zalau - Alesd, km 0+000 - km 69+334		Yes			
360	Road_109	Traffic calming measures on 4 lanes national roads		Yes			
361	Road_110	Safety measures on DN1 in linear villages and black spots				Yes	
362	Road_111	Rehabilitation DN76 Deva-Oradea, km 0+000 - km 184+390			Yes		



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Index	Sector	Project description	Indicative route provided by the beneficiary	Approximate location on Google Earth satellite images Pro	Unable to estimate location as a result of very vague formulation	Project is not subject to EA (by type of project)	Observation
371	Wat_001	Iris Europe 3				Yes	
373	Wat_003	Stationary platform for barges at the confluence of the Black Sea and Danube waterways and Gate Alba-Midia Navodari Channels					Copy
376	Wat_006	The modernization of the water management system on the navigable channels by installing automatic monitoring stations for water quality			Yes		
377	Wat_007	Upgrading the locks, equipments and installations			Yes		
378	Wat_008	System for gathering and processing of the ships waste and for pollution intervention on the Danube sector administrated by CN APDF SA Giurgiu			Yes		
381	Wat_011	Monitoring the environmental impact of the works to improve navigation conditions on the Danube between Calarasi and Braila, km 375-km 175-Phase II				Yes	
384	Wat_014	Protection for banks at Sulina Channel - Stage I		Yes			
403	Wat_033	Improving the navigation conditions on the lower Danube (Calarasi-Braila)		Yes			
404		Pier berth 31 in Port Docks Outdoor Galati			Yes		
405		Creating a support system works on the Danube river in order to ensure minimum depth for navigation			Yes		
406		Giurgiu bridge over the Danube at km 64+884 DN5		Yes			
407		Road Bridge over Olt in Slatina on DN6, km 48 +570		Yes			
408		Oituz road bridge over the Poiana Sarata on DN 11 km 90 +450		Yes			
409		Road Bridge over Jiu in Arginesti on DN6, km 268+371		Yes			
410		New bridge at Cosmesti , over Siret river on DN24 km 7+620		Yes			

Note: AECOM analysis of projects received

Reference case projects have committed funding and implementation programmes



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Table no. 5 List of selected projects to be included in the GTMP ES/EES scenario (Economically Sustainable Scenario - “ES”, Economic and Environmental Sustainability Scenario- “EES”) -31.08.2014

Index	Sector/Code	Project Description	TEN-T	Implementation period ES/EES		Indicative route provided by the beneficiary	Approximate location on Google Earth satellite images Pro	Unable to estimate location as a result of very vague formulation	Project is not subject to EA (by type of project)	Observation
1	Road -Selected Level 1 Motorways	H7	Sibiu-Brasov	Comprehensive TEN-T link	2014-2020	2014-2020	Yes			
2		H13a	Câmpia Turzii - Târgu Mureș	Comprehensive TEN-T link	2014-2020	2014-2020	Yes			
3		H8	Ploiești-Comarnic	Comprehensive TEN-T link	2014-2020	2014-2020	Yes			
4		H6	Craiova-Pitești	Comprehensive TEN-T link	2014-2020	2014-2020	Yes			
5		H1	Comarnic-Brașov	Comprehensive TEN-T link	2014-2020	2014-2020	Yes			
6		OR18B	Bucharest Southern Ring Road Upgrade	Core TEN-T	2014-2020	2014-2020	Yes			
7		H12	Brașov-Bacău	Comprehensive TEN-T link	2021-2030	2021-2030	Yes			
1	Road -Selected Level 2 Expressways	OR7A	Bacău-Suceava	Core TEN-T link	2021-2030	2021-2030	Yes			
2		OR13C	Buzău-Focșani	Core TEN-T link	2021-2030	2021-2030	Yes			
3		OR7B	Suceava-Siret	Core TEN-T link	2021-2030	2021-2030	Yes			
4		OR10	Lugoj- Craiova	Core TEN-T link	2021-2030	2021-2030	Yes			
5		OR9B	Turda-Halmeu	Other links	2021-2030	2021-2030	Yes			
6		OR15	Sibiu-Pitești	TEN-T centrală	2021-2030	2021-2030	Yes			
7		OR17	Gaești-Ploiești-Buzău-Brăila	Comprehensive TEN-T link	2021-2030	2021-2030	Yes			
8		OR13a	Pașcani-Iași-Ungheni	Core TEN	2021-2030	2021-2030	Yes			
9		OR13	Târgu Mureș-Pașcani	Core TEN	After 2030	After 2030	Yes			
10		OR6B	Bacău-Focșani-Brăila-Galați	Comprehensive TEN-T link	After 2030	2021-2030	Yes			



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Index	Sector/Code	Project Description	TEN-T	Implementation period ES/EES		Indicative route provided by the beneficiary	Approximate location on Google Earth satellite images Pro	Unable to estimate location as a result of very vague formulation	Project is not subject to EA (by type of project)	Observation
11		OR12	Gilău-Borș	Comprehensive TEN-T link	After 2030	2021-2030	Yes			
12		OR8	Bacău-Piatra Neamț	Other links	After 2030	After 2030	Yes			
13		OR14	Brașov-Pitești	Comprehensive TEN-T link	After 2030	After 2030	Yes			
14		OR7C	Suceava-Botoșani	Secondary connectivity with TEN-T	After 2030	2021-2030	Yes			
15		OR11	Constanța-Tulcea-Brăila (inclusiv podul Brăila)	Comprehensive TEN-T link	After 2030	After 2030	Yes			
1	Road Bypasses	BP12	Adjud	Core TEN-T link	2014-2020	2014-2020	Yes			
2		BP10	Targoviște	Comprehensive TEN-T link	2014-2020	2014-2020	Yes			
3		BP4	Roman	Core TEN-T link	2021-2030	2021-2030	Yes			
4		BP11	Filiași	Core TEN-T link	2021-2030	2021-2030	Yes			
5		BP15	Fălticeni	Core TEN-T link	2021-2030	2021-2030	Yes			
6		BP3	Sighișoara	Comprehensive TEN-T link	2021-2030	2021-2030	Yes			
7		BP9	Râmnicu Vâlcea	Core TEN-T link	2021-2030	2021-2030	Yes			
8		BP14	Luduș	Comprehensive TEN-T link	2021-2030	2021-2030	Yes			
9		BP16	Caransebeș	Core TEN-T link	2021-2030	2021-2030	Yes			
10		BP17	Beclean	Comprehensive TEN-T link	2021-2030	2021-2030	Yes			
1	Rail	DS10A	Bucharest to Constanta. Rehabilitation to design speed.	Core TEN-T link	2014-2020	2014-2020	Yes			
2		DS02A	Bucharest to Hungary via Brasov + Teius to Cluj. Rehabilitation to design speed.	Core TEN-T link	2014-2020	2014-2020	Yes			
3		DS01A	Bucharest to Giurgiu via Gradistea. Rehabilitation to design speed and electrification.	Core TEN-T link	2014-2020	2014-2020	Yes			



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4	DS04A	Bucharest to Iasi via Bacau + Buzau to Galati + Pascani to Ukraine. Rehabilitation to design	Core TEN-T link	2021-2030	2021-2030	Yes				
5	DS05B	Bucharest to Sibiu via Pitesti and Ramnicu Valcea. New link, rehabilitation to design speed and electrification.	Comprehensive TEN-T link	2021-2030	2021-2030	Yes				
6	DS03A	Bucharest to Arad via Craiova and Timisoara. Rehabilitation to design speed.	Core TEN-T link	2021-2030	2021-2030	Yes				
7	DS11A	Craiova to Calafat. Rehabilitation to design speed.	Core TEN-T link	2021-2030	2014-2020	Yes				
8	DS07C	Cluj-Napoca to Oradea, electrification and rehabilitation to design	Core TEN-T link	2021-2030	2021-2030	Yes				
9	DS08A	Oradea to Timisoara, Rehabilitation to design speed	Comprehensive TEN-T link	2021-2030	2021-2030	Yes				
1	Intermodal	I-TM-S	Timișoara	Core TEN-T link	2014-2020	2014-2020	Yes			
2		I-CJ-S	Cluj-Napoca	Core TEN-T link	2014-2020	2014-2020	Yes			
3		I-BC-S	Bacău	Core TEN-T link	2014-2020	2014-2020	Yes			
4		I-SU-S	Suceava	Core TEN-T link	2014-2020	2014-2020	Yes			
5		I-BU-S	București	Core TEN-T link	2014-2020	2014-2020	Yes			
6		I-IS-S	Iași	Core TEN-T link	2014-2020	2014-2020	Yes			
7		I-TU-S	Turda	Core TEN-T link	2014-2020	2014-2020	Yes			
8		I-CR-S	Craiova	Core TEN-T link	2014-2020	2021-2030	Yes			
9		I-DB-S	Drobeta Turnu Severin	Core TEN-T link	2021-2030	2021-2030	Yes			



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				ES	EES					
10	I-GL-S	Galați	Core TEN-T link	2021-2030	2021-2030	Yes				
11		I-OR-S	Oradea	Comprehensive TEN-T	2021-2030	2014-2020	Yes			
1	Ports, Waterway	P-GL-S	Galati Port	Core TEN-T link	2014-2020	2014-2020		Yes		
2		P-GR-S	Giurgiu Port	Core TEN-T link	2014-2020	2014-2020		Yes		
3		P-DB-S	Drobeta Turnu Severin Port	Core TEN-T link	2014-2020	2014-2020		Yes		
4		P-CV-S	Cernavoda Port	Core TEN-T link	2014-2020	2014-2020		Yes		
5		P-OT-S	Oltenita Port	Comprehensive TEN-T link	2014-2020	2014-2020		Yes		
6		W1	Dredging and other works on the commune sector Danube Ro-Bg	Core TEN-T link	2014-2020	2014-2020		Yes		
7		P-OV-S	Orsova Port	Comprehensive TEN-T	2014-2020	2014-2020		Yes		
8		P-CB-S	Corabia Port	Other links	2014-2020	2014-2020		Yes		
9		P-CO-S	Constanta Port	Core TEN-T link	2021-2030	2021-2030		Yes		
10		W36	Navigation connection Bucuresti - Dunare	Core TEN-T link	After 2030	After 2030		Yes		
11		P-MV-S	Moldova Veche Port	Comprehensive TEN-T link	After 2030	2021-2030		Yes		
1	Aviation	A8	Oradea	Comprehensive TEN-T link	2014-2020	2014-2020		Yes		
2		A10	Sibiu	Comprehensive TEN-T link	2014-2020	2014-2020		Yes		
3		A11	Suceava	Comprehensive TEN-T link	2014-2020	2014-2020		Yes		
4		A3	București	Core TEN-T link	2021-2030	2021-2030		Yes		
5		A16	Tulcea	Core TEN-T link	2021-2030	2014-2020		Yes		
6		A13	Timișoara	Comprehensive TEN-T link	2021-2030	2021-2030		Yes		



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				ES/EES						
7	A7	Iași	Comprehensive TEN-T link	2021-2030	2021-2030		Yes			
8	A6	Craiova	Comprehensive TEN-T link	2021-2030	2021-2030		Yes			
9	A1	Bacău	Comprehensive TEN-T link	After 2030	After 2030		Yes			
10	A2	Baia Mare	Comprehensive TEN-T link	After 2030	After 2030		Yes			
11	A5	Constanța	Comprehensive TEN-T link	After 2030	After 2030		Yes			
12	A12	Târgu Mureș	Other links	After 2030	After 2030		Yes			
13	A4	Cluj	Comprehensive TEN-T link	After 2030	After 2030		Yes			

Note: AECOM – “Revised Final Report on the Master Plan Short, Medium and Long Term”, available on 31.08.2014

Both scenarios include the same number of projects, the same types of projects differ only how their hierarchy.



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Table no. 6 List of selected projects to be included in the GTMP Core TEN-T scenario (CTT) – 31.08.2014

Index	Sector/Code	Project Description	TEN-T	Implementation period ES/EES	Indicative route provided by the beneficiary	Approximate location on Google Earth satellite images Pro	Unable to estimate location as a result of very vague formulation	Project is not subject to EA (by type of project)	Observation
1	Road - Motorways	OR18B	Centura de Sud București	Core TEN-T	2014-2020	Yes			
2		H2	Sibiu-Pitești	Core TEN	2014-2020	Yes			
3		H11a	Ploiești-Bacău	Core TEN	2014-2020	Yes			
4		H11	Bacău-Suceava-Siret	Core TEN	2021-2030	Yes			
5		H13a	Câmpia Turzii - Târgu Mureș	Core TEN	2021-2030	Yes			
6		H15	Târgu Mureș-Iași-Ungheni	Core TEN	2021-2030	Yes			
7		H28	Lugoj - Craiova	Core TEN	2021-2030	Yes			
8		H9	București-Alexandria-Craiova	Core TEN	2021-2030	Yes			
9		H10	Craiova - Calafat	Core TEN	2021-2030	Yes			
10		H29	Drobeta - Calafat (including H28)	Core TEN	2021-2030	Yes			
11		H27	Timișoara - Moravița	Core TEN	After 2030	Yes			
1	Rail	DS10A	Bucharest to Constanta. Rehabilitation to design speed.	Core TEN-T link	2014-2020	Yes			
2		DS02A	Bucharest to Hungary via Brasov + Teius to Cluj. Rehabilitation to design speed.	Core TEN-T link	2014-2020	Yes			
3		DS01A	Bucharest to Giurgiu via Gradistea. Rehabilitation to design speed and electrification.	Core TEN-T link	2014-2020	Yes			
4		DS04A	Bucharest to Iasi via Bacau + Buzau to Galati + Pascani to Ukraine. Rehabilitation to design speed.	Core TEN-T link	2021-2030	Yes			
5		DS05B	Bucharest to Sibiu via Pitesti and Ramnicu Valcea. New link, rehabilitation to design speed and electrification.	Comprehensive TEN-T link	2021-2030	Yes			



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Index	Sector/Code	Project Description	TEN-T	Implementation period ES/EES	Indicative route provided by the beneficiary	Approximate location on Google Earth satellite images Pro	Unable to estimate location as a result of very vague formulation	Project is not subject to EA (by type of project)	Observation
6	DS03A	Bucharest to Arad via Craiova and Timisoara. Rehabilitation to design	Core TEN-T link	2021-2030	Yes				
7	DS11A	Craiova to Calafat. Rehabilitation to design speed.	Core TEN-T link	2014-2020	Yes				
8	DS07C	Cluj-Napoca to Oradea, electrification and rehabilitation to design speed.	Core TEN-T link	2021-2030	Yes				
9	DS08A	Oradea to Timisoara, Rehabilitation to design speed	Comprehensive TEN-T link	2021-2030	Yes				
1	I-TM-S	Timișoara	Core TEN-T link	2014-2020	Yes				
2	I-CJ-S	Cluj-Napoca	Core TEN-T link	2014-2020	Yes				
3	I-BC-S	Bacău	Core TEN-T link	2014-2020	Yes				
4	I-SU-S	Suceava	Core TEN-T link	2014-2020	Yes				
5	I-BU-S	București	Core TEN-T link	2014-2020	Yes				
6	I-IS-S	Iași	Core TEN-T link	2014-2020	Yes				
7	I-TU-S	Turda	Core TEN-T link	2014-2020	Yes				
8	I-CR-S	Craiova	Core TEN-T link	2021-2030	Yes				
9	I-DB-S	Drobeta Turnu Severin	Core TEN-T link	2021-2030	Yes				
10	I-GL-S	Galați	Core TEN-T link	2021-2030	Yes				
11	I-OR-S	Oradea	Comprehensive TEN-T link	2014-2020	Yes				
1	P-GL-S	Galati Port	Core TEN-T link	2014-2020		Yes			
2	P-GR-S	Giurgiu Port	Core TEN-T link	2014-2020		Yes			
3	P-DB-S	Drobeta Turnu Severin Port	Core TEN-T link	2014-2020		Yes			
4	P-CV-S	Cernavoda Port	Core TEN-T link	2014-2020		Yes			
5	P-OT-S	Oltenita Port	Comprehensive TEN-T link	2014-2020		Yes			
6	W1	Dredging and other works on the commune sector Danube Ro-Bg	Core TEN-T link	2014-2020		Yes			



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Index	Sector/Code	Project Description	TEN-T	Implementation period ES/EES	Indicative route provided by the beneficiary	Approximate location on Google Earth satellite images Pro	Unable to estimate location as a result of very vague formulation	Project is not subject to EA (by type of project)	Observation
7	P-OV-S	Orsova Port	Comprehensive TEN-T link	2014-2020		Yes			
8	P-CB-S	Corabia Port	Other links	2014-2020		Yes			
9	P-CO-S	Constanta Port	Core TEN-T link	2021-2030		Yes			
10	W36	Navigation connection Bucuresti -	Core TEN-T link	After 2030		Yes			
11	P-MV-S	Moldova Veche Port	Comprehensive TEN-T link	2021-2030		Yes			
1	Aviation	A8	Oradea	Comprehensive TEN-T link	2014-2020	Yes			
2		A10	Sibiu	Comprehensive TEN-T link	2014-2020	Yes			
3		A11	Suceava	Comprehensive TEN-T link	2014-2020	Yes			
4		A3	București	Core TEN-T link	2021-2030	Yes			
5		A16	Tulcea	Core TEN-T link	2014-2020	Yes			
6		A13	Timișoara	Comprehensive TEN-T link	2021-2030	Yes			
7		A7	Iași	Comprehensive TEN-T link	2021-2030	Yes			
8		A6	Craiova	Comprehensive TEN-T link	2021-2030	Yes			
9		A1	Bacău	Comprehensive TEN-T link	After 2030	Yes			
10		A2	Baia Mare	Comprehensive TEN-T link	After 2030	Yes			
11		A5	Constanța	Comprehensive TEN-T link	After 2030	Yes			
12		A12	Târgu Mureș	Other links	After 2030	Yes			
13		A4	Cluj	Comprehensive TEN-T link	After 2030	Yes			

Note: AECOM – “Revised Final Report on the Master Plan Short, Medium and Long Term”, available on 31.08.2014

The Core TEN-T scenario included 11 highway projects for road sector. For the other sectors (rail, water, air and intermodal) the hierarchy of investments is similar to the EES scenario (“Do Something Policy” scenario).



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ANNEX III – List of projects included in the Final Report on the Master Plan Short, Medium and Long Term on short, medium and long term (according to the new list of projects approved after public debate - October 2014)

Table no. 7 List of projects included in the Do Minimum scenario (Reference Case)

Index	Sector	Project description	Indicative route provided by the beneficiary	Approximate location on Google Earth satellite images Pro	Unable to estimate location as a result of very vague formulation	Project is not subject to EA (by type of project)	Observation
019	Air_019	Modernization of movement areas and beakoning system, control tower and land development for locating the ILS navigation system in Suceava Airport		Yes			
021	Air_021	Rehabilitation of the apron and parkings in Constanta (M. Kogalniceanu) Airport		Yes			
060	Port_001	Stationary platform for barges at the confluence of the Black Sea and Danube waterways and Gate Alba-Midia Navodari Channels			Yes		
065	Port_006	Extension of the breakwater in the Constanta Port			Yes		
066	Port_007	Extension to the south of the gauge berth in the Port of Constanta			Yes		
084	Port_025	Rehabilitation and modernization of the infrastructure in Oltenita Port			Yes		
090	Port_031	Infrastructure works in the Port of Braila - berths 23 and 25			Yes		
097	Port_038	Building an administrative complex in Port of Giurgiu			Yes		
098	Port_039	Newada Duo Project				Yes	
099	Port_040	CO-WANDA: Convention for waste management for inland navigation on the Danube				Yes	
102	Port_043	Master Plan for the Constanta Port			Yes		
103	Port_044	DAHAR - Strategic Development Plan for the Danube interior Ports			Yes		
104	Port_045	GIFT- Green Intermodal Freight Transport Corridors in South East Europe			Yes		
109	Port_050	Modernizing port infrastructure by providing increasing depths of			Yes		



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Index	Sector	Project description	Indicative route provided by the beneficiary	Approximate location on Google Earth satellite images Pro	Unable to estimate location as a result of very vague formulation	Project is not subject to EA (by type of project)	Observation
		channels and basins and safety of navigation in Constanta Port					
120	Rail_010	Developing the rail infrastructure capacity in the Constanta Port (the fluvial-maritime sector)				Yes	
127	Rail_017	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Craiova			Yes		
128	Rail_018	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Cluj			Yes		
129	Rail_019	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Brasov			Yes		
130	Rail_020	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Bucuresti			Yes		
131	Rail_021	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Iasi			Yes		
132	Rail_022	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Timisoara			Yes		
133	Rail_023	Rehabilitation of the bridges, culverts and railways tunnels - Regional Railway Branch Timisoara			Yes		
134	Rail_024	Rehabilitation works for the Danube bridges at km 152+149 and at km 165+817, railway line Bucharest - Constanta - Regional Branch Constanta		Yes			
137	Rail_027	Modernisation of the railway level crossings - 112 crossings - Stage I			Yes		
142	Rail_032	Current repairs for the public railway infrastructure for 2013-2020			Yes		
144	Rail_034	RK(capital repairing) at the public rail infrastructure for the 2013-2016 period			Yes		
147	Rail_037	Rehabilitation of the Bucharest-Constanta line		Yes			
150	Rail_040	Modernisation of the Coșlariu - Sighișoara line, component of the IV Pan – European Corridor, at maximum speed of 160 km/h for passenger trains	Yes				
151	Rail_041	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	Yes				



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153	Rail_043	Modernisation of the Border-Curtici-Arad-Simeria line: Section 1 Border-Arad-km 614	Yes				
170	Rail_060	Electrification of the Doaga-Tecuci-Barbosi line		Yes			
200	Rail_090	Developing the strategic noise maps and action plans for the major railways having more than 30,000 train movements per year - Stage I		Yes		Da	
209	Rail_099	Modernisation of the railway stations in Romania: Slatina, Râmnicu Vâlcea, Reșița Sud		Yes			
210	Rail_100	Modernisation of the railway stations in Romania: Bistrita, Zalau		Yes			
211	Rail_101	Modernisation of the railway stations in Romania: Giurgiu Oraș, Slobozia Veche, Călărași Sud		Yes			
212	Rail_102	Modernisation of the railway stations in Romania: Sfântu Gheorghe, Târgu Mureș		Yes			
213	Rail_103	Modernisation of the railway stations in Romania: Pitesti		Yes			
214	Rail_104	Modernisation of the railway stations in Romania: Piatra Neamț, Botoșani, Vaslui, Brăila		Yes			
217	Rail_107	Modernisation of the Focsani station		Yes			
236	Rail_126	Sistem de detectare a cutiilor de osii supraîncălzite și a frânelor strânse - 21 locatii			Yes		
237	Rail_127	Proiect pilot operational pentru o aplicatie ECTS/ERTMS nivel 2 pe tronsonul CF Ramificatia Buciumeni-Semnal intrare Brazi			Yes		
238	Rail_128	Modernizarea instalațiilor de centralizare electromecanică pe secția de circulație CEM 11 Statii Bucuresti- Craiova ETAPA II			Yes		
239	Rail_129	Modernizarea instalațiilor de centralizare electromecanică pe secția de circulație CEM 16 Statii Brasov, Cluj, Craiova, Timisoara ETAPA II			Yes		
240	Rail_130	Modernization of Videle interlocking station		Yes			
252	Road_001	Bridge on DN2E km 57+400, at Clit		Yes			
253	Road_002	Bridge over Arges river, DN61 km 74+015 at Ionesti		Yes			
254	Road_003	Bridge over Sai at DN54 km 67+774 and new road alligment for DN54, km 65 +950 - km 70 +600 at Turnu Magurele		Yes			
255	Road_004	Link road DN66A km 47+600 - km 66+204, Campu lui Neag-Cerna		Yes			
256	Road_005	Rail overpass on the Arad Bypass (DN7 km 540 +248)		Yes			



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257	Road_006	Rail overpass on the Arad Bypass (Brad-Curtici rail section and DJ709B)		Yes			
264	Road_013	Modernization DN 72 Gaiesti - Ploiesti km 0 +000 - km 76 +180		Yes			
265	Road_014	Modernization of Bucharest Ring Road between A1 - DN7 and DN2 - A2 (widening to 4 lanes)	Yes				
268	Road_017	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	Yes				
269	Road_018	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	Yes				
272	Road_021	Alesd South and Alesd North Bypass	Yes				
273	Road_022	Alexandria Bypass	Yes				
274	Road_023	Bacau Bypass	Yes				
280	Road_029	Brasov Bypass	Yes				
286	Road_035	Caracal Bypass	Yes				
287	Road_036	Carei Bypass	Yes				
288	Road_037	Cluj-Napoca East Bypass		Yes			
290	Road_039	Craiova South Bypass	Yes				
292	Road_041	Deva - Orastie Motorway	Yes				
304	Road_053	Iasi South Bypass: Phase 4 Light Traffic (Sector km 0+000 - km 8+175) and Penetration		Yes			
305	Road_054	Lugoj - Deva Motorway	Yes				
308	Road_057	Mihailesti	Yes				
309	Road_058	Nadlac-Arad Motorway	Yes				
311	Road_060	Oradea Bypass – Phase II	Yes	Yes			
312	Road_061	Orastie - Sibiu Motorway	Yes				
319	Road_068	Sacuieni Bypass	Yes				
320	Road_069	Satu Mare Bypass	Yes				
321	Road_070	Sebes - Turda Motorway	Yes				



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325	Road_074	Stei Bypass	Yes				
327	Road_076	Suceava Bypass	Yes				
330	Road_079	Targu Jiu Bypass	Yes				
331	Road_080	Targu Mures Bypass	Yes				
333	Road_082	Tecuci Bypass	Yes				
338	Road_087	Access Road to Agigea Lock and sea-port Agigea, CDMN, left bank, between km 61 +800 and 63 +500, L = 1.700 m			Yes		
342	Road_091	Consolidation works DN29D, km 18 +500 - km 20+816		Yes			
343	Road_092	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		Yes			
344	Road_093	Rehabilitation DN76 Deva-Oradea, km 0+000 - km 184+390		Yes			
345	Road_094	Modernisation DN2N km 52+860 - km 60+000 Jitia - Biscoa and new bridge over Ramnicu Sarat river la km 53+300		Yes			
349	Road_098	Modernisation DN5, section Bucuresti - Adunatii Copaceni		Yes			
350	Road_099	Rehabilitation DN2D Focsani - Ojdula km 0+000 - km 118+893		Yes			
354	Road_103	Building the A3 motorway section in Bucharest Municipality		Yes			
355	Road_104	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 Lot 3: DN 24B km 22+000 – DN 24B km 47+881 (Albita border)		Yes			
356	Road_105	Rehabilitation DN 6 Alexandria Craiova		Yes			
357	Road_106	Rehabilitation DN66 Filiasi - Petrosani, km 0+000 - km 131+000		Yes			
358	Road_107	Rehabilitation of DN56 Craiova - Calafat km 0 +000 - km 87+047					Copy
359	Road_108	Rehabilitation DN1H Zalau - Alesd, km 0+000 - km 69+334		Yes			



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Index	Sector	Project description	Indicative route provided by the beneficiary	Approximate location on Google Earth satellite images Pro	Unable to estimate location as a result of very vague formulation	Project is not subject to EA (by type of project)	Observation
360	Road_109	Traffic calming measures on 4 lanes national roads		Yes			
361	Road_110	Safety measures on DN1 in linear villages and black spots				Yes	
362	Road_111	Rehabilitation DN76 Deva-Oradea, km 0+000 - km 184+390			Yes		
371	Wat_001	Iris Europe 3				Yes	
373	Wat_003	Stationary platform for barges at the confluence of the Black Sea and Danube waterways and Gate Alba-Midia Navodari Channels					Copy
376	Wat_006	The modernization of the water management system on the navigable channels by installing automatic monitoring stations for water quality			Yes		
377	Wat_007	Upgrading the locks, equipments and installations			Yes		
378	Wat_008	System for gathering and processing of the ships waste and for pollution intervention on the Danube sector administrated by CN APDF SA Giurgiu			Yes		
381	Wat_011	Monitoring the environmental impact of the works to improve navigation conditions on the Danube between Calarasi and Braila, km 375-km 175-Phase II				Yes	
384	Wat_014	Protection for banks at Sulina Channel - Stage I		Yes			
403	Wat_033	Improving the navigation conditions on the lower Danube (Calarasi-Braila)		Yes			
404		Pier berth 31 in Port Docks Outdoor Galati			Yes		
405		Creating a support system works on the Danube river in order to ensure minimum depth for navigation			Yes		
406		Giurgiu bridge over the Danube at km 64+884 DN5		Yes			
407		Road Bridge over Olt in Slatina on DN6, km 48 +570		Yes			
408		Oituz road bridge over the Poiana Sarata on DN 11 km 90 +450		Yes			
409		Road Bridge over Jiu in Arginesti on DN6, km 268+371		Yes			
410		New bridge at Cosmesti , over Siret river on DN24 km 7+620		Yes			

Nota AECOM analysis of projects received

Reference case projects have committed funding and implementation programmes



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Table no. 3 List of selected projects to be included in the GTMP ES/EES scenario (Economically Sustainable Scenario - “ES” and Economic and Environmental Sustainability Scenario – “EES”) – october 2014

Index	Sector	Type of project	Project description	Indicative route provided by the beneficiary	Approximate location on Google Earth satellite images Pro	Unable to estimate location as a result of very vague formulation	Project is not subject to EA (by type of project)	Observation
1	Road	Motorway	Sibiu-Brasov Motorway + Fagaras Bypass	Yes				
2	Road	Motorway	Ploiesti-Comarnic Motorway	Yes				
3	Road	Motorway	Gilau-Bors Motorway + connection road Zalau and Oradea	Yes				
4	Road	Motorway	Craiova-Pitesti Motorway+ Bals Bypass and Slatina Bypass	Yes				
5	Road	Motorway	Comarnic-Brasov Motorway+ Sinaia Bypass, Busteni Bypass, Rasnov Bypass and Comarnic Bypass	Yes				
6	Road	Motorway	Brasov-Bacau Motorway + Targu Secuiesc Bypass and Onesti Bypass	Yes				
7	Road	Motorway	Motorway Sibiu - Pitesti + Curtea de Arges Bypass	Yes				
8	Road	Motorway	Bucharest ring road 2 (to be tested)	Yes				
9	Road	Expressway	Bucharest Southern Ring Road Upgrade	Yes				
10	Road	Expressway	Bacau-Suceava Expressway	Yes				
11	Road	Expressway	Bucharest Alexandria-Craiova Expressway + Mihailesti Bypass, Alexandria Bypass, Rosiori Bypass, Caracal Bypass and Craiova Bypass	Yes				
12	Road	Expressway	Suceava-Siret Expressway (UA)	Yes				
13	Road	Expressway	Buzau-Focsani Expressway+ Buzau Bypass, Rm. Sarat Bypass and Focsani Bypass	Yes				
14	Road	Expressway	Bacau-Focsani-Braila-Galati - Giurgiuilesti Expressway(UA and MD) + Bacau Bypass, Adjud Bypass, Braila Bypass and Galati Bypass	Yes				
15	Road	Expressway	Turda-Halmeu Expressway(UA) and Livada - Petea link road (HU)+ Dej Bypass, Baia Mare Bypass,	Yes				



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Index	Sector	Type of project	Project description	Indicative route provided by the beneficiary	Approximate location on Google Earth satellite images Pro	Unable to estimate location as a result of very vague formulation	Project is not subject to EA (by type of project)	Observation
			Satu Mare Bypass, Gherla Bypass and Apahida Bypass					
16	Road	Expressway	Gaesti-Ploiesti-Buzau-Braila Bypass + Targoviste Bypass, Mizil Bypass, Ianca Bypass and Gaesti Bypass	Yes				
17	Road	Expressway	Lugoj- Craiova Expressway + Caransebes Bypass, Drobeta Tr. Severin Bypass, Strehaia Bypass and Filiasi Bypass	Yes				
18	Road	Expressway	Suceava-Botosani Expressway	Yes				
19	Road	Expressway	Pascani-Iasi-Ungheni Expressway+ Pascani Bypass, Targu Frumos Bypass and Iasi Bypass	Yes				
20	Road	Expressway	Targu Mures-Pascani Expressway+ Tg Neamt Bypass	Yes				
21	Road	Expressway	Brasov-Pitesti Expressway + Campulung Bypass, Rucar Bypass and Bran Bypass	Yes				
22	Road	Expressway	Bacau-Piatra Neamt Expressway+ Buhusi Bypass, Roznov Bypass and Piatra Neamt Bypass	Yes				
23	Road	Expressway	Constanta-Tulcea-Braila Expressway (including Braila Bridge) + Babadag Bypass, Tulcea Bypass , Isaccea Bypass, Macin Bypass	Yes				
24	Road	Expressway	Targu Mures - Sighisoara – Fagaras Expressway (to be tested) + Sighisoara Bypass	Yes				
25	Road	Expressway	Connetion road Otopeni Airport - A3 Moterway (to be tested)	Yes				
26	Road	Rehabilitation existing road	Braila - Slobozia - Dranjna (A2) - Calarasi - Chiciu (BG)	Yes				
27	Road	Rehabilitation existing road	Brasov - Sighisoara - Tg Mures (DE 3)	Yes				
28	Road	Rehabilitation existing road	A5 - Sf. Gheorghe - B. Tusnad - Miercurea Ciuc - Ditrau (DE 3)	Yes				
29	Road	Rehabilitation existing road	Iasi - Vaslui - Bacau	Yes				
30	Road	Rehabilitation existing road	Focsani - A5 - Tg. Secuiesc	Yes				
31	Road	Rehabilitation existing road	A3 (Oradea) - Carei - Satu Mare - DE 4	Yes				
32	Road	Rehabilitation existing road	Corabia - Caracal - Dragasani - Rm. Valcea - DE 2	Yes				



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33	Road	Rehabilitation existing road	A1 - Arad - Salonta - Oradea	Yes				
34	Road	Rehabilitation existing road	Saratel - Reghin - Tg Mures	Yes				
35	Road	Rehabilitation existing road	Suceava - Vatra Dornei - Bistrita - Saratel -Dej	Yes				
36	Road	Rehabilitation existing road	Iacobeni - Borsa - S.Marmatiei - Negresti Oas - DE 4	Yes				
37	Road	Rehabilitation existing road	Caransebes - Resita - Bocsa - Voiteg	Yes				
38	Road	Rehabilitation existing road	Filiasi - Tg. Jiu - Petrosani - Hateg - Deva - A1	Yes				
39	Road	Rehabilitation existing road	A1 (Deva) - Brad - Stei - Oradea - A3	Yes				
40	Road	Rehabilitation existing road	Piatra Neamt – Tg. Neamt	Yes				
41	Road	Rehabilitation existing road	Dr.Tr.Severin – Tg. Jiu – Rm.Valcea – Pitesti (to be tested)	Yes				
42	Road	Rehabilitation existing road	Zalau – Satu Mare (to be tested)	Yes				
43	Road	Rehabilitation existing road	Vaslui - Barlad - Tecuci - Galati (to be tested)	Yes				
44	Road	Rehabilitation existing road	Botosani – Tg. Frumos (to be tested)	Yes				
45	Road	Rehabilitation existing road	Constanta - Mangalia - Vama Veche (to be tested)	Yes				
46	Road	Rehabilitation existing road	A1 - Timisoara - Moravita (SRB)	Yes				
47	Road	Rehabilitation existing road	Bucuresti - Giurgiu (BG)	Yes				
48	Road	Rehabilitation existing road	Craiova - Calafat (BG)	Yes				
49	Road	Rehabilitation existing road	Drobeta Tr. Severin - Calafat (BG)	Yes				
50	Road	Baypass	Bistrita Bypass	Yes				
51	Road	Baypass	Zalau Bypass	Yes				
52	Road	Baypass	Sighisoara Bypass	Yes				
53	Road	Baypass	Miercurea Ciuc Bypass	Yes				
54	Road	Baypass	Sfantu Gheorghe Bypass	Yes				
55	Road	Baypass	Ramnicu Valcea Bypass	Yes				
56	Road	Baypass	Giurgiu Bypass	Yes				
57	Road	Baypass	Vaslui Bypass	Yes				
58	Road	Baypass	Barlad Bypass	Yes				
59	Road	Baypass	Slobozia Bypass	Yes				
60	Road	Baypass	Beclean Bypass	Yes				
61	Road	Baypass	Vatra Dornei Bypass	Yes				



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62	Road	Baypass	Campulung Moldovenesc Bypass	Yes				
63	Road	Baypass	Mangalia Bypass	Yes				
64	Road	Baypass	Timisoara Sud (to be tested) Bypass	Yes				
65	Rail	Rehabilitation	Bucharest to Giurgiu via Gradistea. Rehabilitation to design speed and electrification.	Yes				
66	Rail	Rehabilitation	Bucharest to Hungary via Brasov + Teius to Cluj. Rehabilitation to design speed	Yes				
67	Rail	Rehabilitation	Bucharest - Iasi via Bacau + Buzau - Galati + Pascani - Ukraine(Siret). Rehabilitation to design speed	Yes				
68	Rail	Rehabilitation	Craiova - Calafat. Rehabilitation to design speed	Yes				
69	Rail	Rehabilitation	Bucharest- Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (this sector to be tested). New connection, Rehabilitation to design speed and Electrification	Yes				
70	Rail	Rehabilitation	Bucharest - Arad via Craiova and Timisoara. Rehabilitation to design speed and	Yes				
71	Rail	Rehabilitation	Oradea - Timisoara - Stamora Moravita. Rehabilitation to design speed and Timisoara - Stamora Moravita sector to be tested	Yes				
72	Rail	Rehabilitation	Cluj-Napoca – Oradea Electrification	Yes				
73	Rail	Rehabilitation	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi	Yes				
74	Rail	Rehabilitation	Cluj-Napoca - Oradea via Baia Mare - Satu Mare	Yes				
75	Rail	Rehabilitation	Fetesti - Faurei (to be tested) - Cereals line	Yes				
76	Rail	Rehabilitation	Pitesti - Craiova (to be tested) – Automotive line	Yes				
77	Rail	Rehabilitation	Filiasi - Simeria (to be tested) - Coal line	Yes				
78	Rail	Rehabilitation	Faurei - Iasi (to be tested) – 6 railway artery	Yes				
79	Rail	Rehabilitation	Touristic lines: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)	Yes				
80	Intermodal	New project	Timisoara IMT (Semenic or Traian Vuia Airport)	Yes				



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Index	Sector	Type of project	Project description	Indicative route provided by the beneficiary	Approximate location on Google Earth satellite images Pro	Unable to estimate location as a result of very vague formulation	Project is not subject to EA (by type of project)	Observation
81	Intermodal	New project	Cluj Napoca Est IMT	Yes				
82	Intermodal	New project	Bacau IMT	Yes				
83	Intermodal	New project	Suceava IMT	Yes				
84	Intermodal	New project	Bucharest IMT	Yes				
85	Intermodal	New project	Iasi (Socola) IMT	Yes				
86	Intermodal	New project	Oradea Est IMT	Yes				
87	Intermodal	New project	Turda IMT	Yes				
88	Intermodal	New project	Craiova IMT	Yes				
89	Intermodal	New project	Drobeta Turnu Severin IMT	Yes				
90	Intermodal	New project	Galati IMT	Yes				
91	Intermodal	New project	Feldioara IMT(Brasov county) – to be tested	Yes				
92	Waterway	Navigation improvement	Dredging and other works on the commune sector Danube RO-BG		Yes			
93	Waterway	New waterway	Navigation connection Bucharest - Danube		Yes			
94	Waterway	Navigation improvement	Sulina Channel improvements		Yes			
95	Port	Modernization	Galati Port		Yes			
96	Port	Modernization	Giurgiu Port		Yes			
97	Port	Modernization	Oltenita Port		Yes			
98	Port	Modernization	Drobeta Port		Yes			
99	Port	Modernization	Cernavoda Port		Yes			
100	Port	Modernization	Orsova Port		Yes			
101	Port	Modernization	Corabia Port		Yes			
102	Port	Modernization	Constanta Portul		Yes			
103	Port	Modernization	Moldova Veche Port		Yes			
104	Port	Modernization	Tulcea Port (to be tested)		Yes			
105	Port	Modernization	Sulina Port (to be tested)		Yes			
106	Aviation	Modernization	Oradea Airport		Yes			
107	Aviation	Modernization	Sibiu Airport		Yes			
108	Aviation	Modernization	Suceava Airport		Yes			
109	Aviation	Modernization	Bucharest Airport		Yes			



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Index	Sector	Type of project	Project description	Indicative route provided by the beneficiary	Approximate location on Google Earth satellite images Pro	Unable to estimate location as a result of very vague formulation	Project is not subject to EA (by type of project)	Observation
110	Aviation	Modernization	Iasi Airport		Yes			
111	Aviation	Modernization	Craiova Airport		Yes			
112	Aviation	Modernization	Tulcea Airport		Yes			
113	Aviation	Modernization	Timisoara Airport		Yes			
114	Aviation	Modernization	Bacau Airport		Yes			
115	Aviation	Modernization	Baia Mare Airport		Yes			
116	Aviation	Modernization	Constanta Airport		Yes			
117	Aviation	Modernization	Cluj - Napoca Airport		Yes			
118	Aviation	Modernization	Targu Mures Airport		Yes			
119	Aviation	Modernization	Baneasa Airport (to be tested)	Yes				

Note: IMT - Intermodal Terminal

Modification MPGT January 2015 :

- Bacau-Suceava Expressway **become** Bacau-Pascani Motorway + Pascani-Suceava Expressway (project will be implemented in more phases)
- Pascani – Iasi –Ungheni Expressway(including Pascani Bypass, Targu Frumos Bypass, Iasi Bypass) **become** Pascani – Iasi –Ungheni Motorway(including Pascani Bypass, Targu Frumos Bypass, Iasi Bypass)
- Tg. Mures – Pascani Expressway (including Roman Bypass) **become** Tg. Mures – Pascani Motorway (including Roman Bypass)



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Table no. 4 List of selected projects to be included in the GTMP ES/EES scenario

Index	Sector	Type of project	Project description	Indicative route provided by the beneficiary	Approximate location on Google Earth satellite images Pro	Unable to estimate location as a result of very vague formulation	Project is not subject to EA (by type of project)	Observation
1	Road	Motorway	Bucharest Southern Ring Road Upgrade	Yes				
2	Road	Motorway	Sibiu-Pitesti	Yes				
3	Road	Motorway	Ploiesti-Bacau	Yes				
4	Road	Motorway	Bacau-Suceava-Siret	Yes				
5	Road	Motorway	Campia Turzii - Targu Mures	Yes				
6	Road	Motorway	Targu Mures-Iasi-Ungheii	Yes				
7	Road	Motorway	Lugoj - Craiova	Yes				
8	Road	Motorway	Bucharest Alexandria-Craiova	Yes				
9	Road	Motorway	Craiova-Calafat	Yes				
10	Road	Motorway	Drobeta - Calafat	Yes				
11	Road	Motorway	Timisoara - Moravita	Yes				
12	Feroviar	Rehabilitation	Bucharest to Giurgiu via Gradistea. Rehabilitation to design speed and electrification.	Yes				
13	Feroviar	Rehabilitation	Bucharest to Hungary via Brasov + Teius to Cluj. Rehabilitation to design speed	Yes				
14	Feroviar	Rehabilitation	Bucharest - Iasi via Bacau + Buzau - Galati + Pascani - Ukraine(Siret). Rehabilitation to design speed	Yes				
15	Feroviar	Rehabilitation	Craiova - Calafat. Rehabilitation to design speed	Yes				
16	Feroviar	Rehabilitation	Bucharest- Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (this sector to be tested). New connection, Rehabilitation to design speed and Electrification	Yes				
17	Feroviar	Rehabilitation	Bucharest - Arad via Craiova and Timisoara. Rehabilitation to design speed and	Yes				
18	Feroviar	Rehabilitation	Oradea - Timisoara - Stamora Moravita. Rehabilitation to design speed and Timisoara - Stamora Moravita sector to be tested	Yes				
19	Feroviar	Rehabilitation	Cluj-Napoca – Oradea Electrification	Yes				
20	Feroviar	Rehabilitation	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi	Yes				



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21	Feroviar	Rehabilitation	Cluj-Napoca - Oradea via Baia Mare - Satu Mare	Yes				
22	Feroviar	Rehabilitation	Fetesti - Faurei (to be tested) - Cereals line	Yes				
23	Feroviar	Rehabilitation	Pitesti - Craiova (to be tested) – Automotive line	Yes				
24	Feroviar	Rehabilitation	Filiasi - Simeria (to be tested) - Coal line	Yes				
25	Feroviar	Rehabilitation	Faurei - Iasi (to be tested) – 6 railway artery	Yes				
26	Feroviar	Rehabilitation	Touristic lines: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)	Yes				
27	Intermodal	New project	Timisoara IMT (Semenic or Traian Vuia Airport)	Yes				
28	Intermodal	New project	Cluj Napoca Est IMT	Yes				
29	Intermodal	New project	Bacau IMT	Yes				
30	Intermodal	New project	Suceava IMT	Yes				
31	Intermodal	New project	Bucharest IMT	Yes				
32	Intermodal	New project	Iasi (Socola) IMT	Yes				
33	Intermodal	New project	Oradea Est IMT	Yes				
34	Intermodal	New project	Turda IMT	Yes				
35	Intermodal	New project	Craiova IMT	Yes				
36	Intermodal	New project	Drobeta Turnu Severin IMT	Yes				
37	Intermodal	New project	Galati IMT	Yes				
38	Intermodal	New project	Feldioara IMT(Brasov county) – to be tested	Yes				
39	Waterway	Navigation improvement	Dredging and other works on the commune sector Danube RO-BG		Yes			
40	Waterway	New waterway	Navigation connection Bucharest - Danube		Yes			
41	Waterway	Navigation improvement	Sulina Channel improvements		Yes			
42	Port	Modernization	Galati Port		Yes			
43	Port	Modernization	Giurgiu Port		Yes			
44	Port	Modernization	Oltenita Port		Yes			
45	Port	Modernization	Drobeta Port		Yes			
46	Port	Modernization	Cernavoda Port		Yes			
47	Port	Modernization	Orsova Port		Yes			



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48	Port	Modernization	Corabia Port		Yes			
49	Port	Modernization	Constanta Portul		Yes			
50	Port	Modernization	Moldova Veche Port		Yes			
51	Port	Modernization	Tulcea Port (to be tested)		Yes			
52	Port	Modernization	Sulina Port (to be tested)		Yes			
53	Aviation	Modernization	Oradea Airport		Yes			
54	Aviation	Modernization	Sibiu Airport		Yes			
55	Aviation	Modernization	Suceava Airport		Yes			
56	Aviation	Modernization	Bucharest Airport		Yes			
57	Aviation	Modernization	Iasi Airport		Yes			
58	Aviation	Modernization	Craiova Airport		Yes			
59	Aviation	Modernization	Tulcea Airport		Yes			
60	Aviation	Modernization	Timisoara Airport		Yes			
61	Aviation	Modernization	Bacau Airport		Yes			
62	Aviation	Modernization	Baia Mare Airport		Yes			
63	Aviation	Modernization	Constanta Airport		Da			
64	Aviation	Modernization	Cluj - Napoca Airport		Da			
65	Aviation	Modernization	Targu Mures Airport		Da			
66	Aviation	Modernization	Baneasa Airport (to be tested)	Da				



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ANNEX IV– List of projects included in the Final revised draft of the Master Planul on short, medium and long term (according to the new list of projects approved after public debate - October 2014), that intersect Natura 2000 sites

Table no. 5 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 ROSCI0299



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No. Crt.	Sector	Project Title	SCI Code	
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		Rail	Electrification of Doaga-Tecuci-Barboand 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	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	
Total no. Projects that intersect SCI sites			30	



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Table no. 6 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 allignment 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-Barboand 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	



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Total no. Projects that intersect SPA sites	20
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Table no. 7 List of projects included in the development ES/EES scenario that intersect 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	



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No. Crt.	Sector	Project title	SCI Code
			ROSCI0132
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 Mureș (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



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No. Crt.	Sector	Project title	SCI Code
20		Bacau-Suceava Expressway	ROSCI0082
			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
27		Pascani-Iasi-Ungheni Expressway + Pascani Bypass, Târgu Frumos Bypass and Iasi Bypass	ROSCI0366
			ROSCI0058
			ROSCI0221
28		Suceava-Botosani Expressway	ROSCI0265
			ROSCI0378
			ROSCI0076
			ROSCI0380



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No. Crt.	Sector	Project title	SCI Code
29		Târgu Mureș - Sighisoara - Fagaras Expressway (to be tested) + Sighisoara Bypass	ROSCI0227
			ROSCI0384
30		Târgu Mures-Pascani Expressway + Tg Neamt Bypass	ROSCI0019
			ROSCI0270
			ROSCI0297
31		Turda-Halmeu Expressway (UA) and Livada - Petea link road (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		Iacoveni - Borsa - S.Marmatiei - Negresti Oas - DE 4	ROSCI0010
			ROSCI0124
			ROSCI0125
			ROSCI0251
			ROSCI0358
35		Iasi - Vaslui - Bacau	ROSCI0135
36		Saratel - Reghin - Tg Mureș	ROSCI0400
37		Suceava - Vatra Dornei - Bistrita - Saratel -Dej	ROSCI0051
			ROSCI0321



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No. Crt.	Sector	Project title	SCI Code
			ROSCI0328
			ROSCI0393
			ROSCI0400
38		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



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No. Crt.	Sector	Project title	SCI Code
45		Bucuresti - Giurgiu via Gradistea. Rehabilitation at designed speed level. Electrification	ROSCI0043
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
48		Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed level.	ROSCI0304
			ROSCI0013
			ROSCI0064
			ROSCI0195
			ROSCI0207
			ROSCI0224
			ROSCI0227
			ROSCI0238
			ROSCI0290
			ROSCI0303
ROSCI0329			
			ROSCI0370



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No. Crt.	Sector	Project title	SCI Code
49		Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iași	ROSCI0373
			ROSCI0382
			ROSCI0407
			ROSCI0010
			ROSCI0101
			ROSCI0213
			ROSCI0232
			ROSCI0321
			ROSCI0328
			ROSCI0365
			ROSCI0393
			ROSCI0400
			50
ROSCI0021			
ROSCI0192			
ROSCI0275			
ROSCI0314			
51		Cluj-Napoca - Oradea. Electrification	ROSCI0050
			ROSCI0062
52		Craiova - Calafat. Rehabilitation at designed speed level.	ROSCI0039
			ROSCI0045
53		Faurei - Iași (to be tested) – line 6 railway	ROSCI0005
			ROSCI0103
			ROSCI0135



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No. Crt.	Sector	Project title	SCI Code
			ROSCI0158
			ROSCI0162
			ROSCI0330
			ROSCI0360
54		Fetesti - Faurei (to be tested) – Grain line	ROSCI0259
		ROSCI0290	
55		Filiasi - Simeria (to be tested) – Coal line	ROSCI0063
			ROSCI0087
			ROSCI0236
56		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
			ROSCI0367
			ROSCI0368
			ROSCI0369
57		Oradea - Timișoara - Stamura Moravița. Rehabilitation at designed speed level. To retest Timișoara - Stamura Moravița	ROSCI0025
			ROSCI0049
			ROSCI0109
			ROSCI0231
			ROSCI0277



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No. Crt.	Sector	Project title	SCI Code
			ROSCI0402
58		Pitești - Craiova (to be tested) – Auto industry line	ROSCI0266
			ROSCI0341
59		Canalul Sulina (to retest) – banks protection	ROSCI0065
			ROSCI0066
60		Corabia Port – modernisation of port infrastructure	ROSCI0044
61		Oltenița 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	Water	Romanian-Bulgarian common sector – improvement of navigation conditions	ROSCI0039
			ROSCI0044
			ROSCI0045
			ROSCI0088
			ROSCI0131
			ROSCI0299

Table no. 8 List of projects included in the development ES/EES scenario that intersect SPA sites

No. Crt.	Sector	Titlu proiect	SPA Code
1	Road	A1 - Arad - Salonta - Oradea	ROSPA0015
			ROSPA0097
2		A3 (Oradea) - Carei - Satu Mare - DE 4	ROSPA0016



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No. Crt.	Sector	Titlu proiect	SPA Code
			ROSPA0067
3		A5 - Sf. Gheorghe - B. Tusnad - Miercurea Ciuc - Ditrau (DE 3)	ROSPA0033
			ROSPA0034
			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 - Giurgiuilesti Expressway (UA si MD) + Bacau Bypass, Adjud Bypass, Braila Bypass and Galati Bypass	ROSPA0063
			ROSPA0071
			ROSPA0121
17		Bacau-Suceava Expressway	ROSPA0064
			ROSPA0072



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No. Crt.	Sector	Titlu proiect	SPA Code
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
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 road (HU)+ Dej Bypass, Baia Mare Bypass, Satu Mare Bypass, Gherla Bypass and Apahida Bypass	ROSPA0068
28		Filiasi - Tg. Jiu - Petrosani - Hateg - Deva - A1	ROSPA0045



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No. Crt.	Sector	Titlu proiect	SPA Code
29		Focsani - A5 - Tg. Secuiesc	ROSPA0088
30		Iacoveni - Borsa - S.Marmatiei - Negresti Oas - DE 4	ROSPA0085
			ROSPA0131
			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	Rail	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		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



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No. Crt.	Sector	Titlu proiect	SPA Code
			ROSPA0140
41		Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iași	ROSPA0089
42		Cluj-Napoca - Oradea via Baia Mare - Satu Mare	ROSPA0016
			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
48		Oradea - Timișoara - Stamura Moravița. Rehabilitation at designed speed level. To retest Timișoara - Stamura Moravița	ROSPA0099
			ROSPA0015
			ROSPA0047
			ROSPA0097
			ROSPA0128
49		Pitesti - Craiova (to be tested) – Auto industry line	ROSPA0106
50	Water	Canalul Sulina (to retest) – banks protection	ROSPA0031



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No. Crt.	Sector	Titlu proiect	SPA Code
51		Oltenita Port - modernisation of port infrastructure	ROSPA0038
52		Orșova Port - modernisation of port infrastructure	ROSPA0026
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



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Table no. 9 List of projects included in the Core TEN-T (CTT) scenario that intersect SCI sites

No. Crt.	Sector	Project title	SCI code
1	Road	Bacau-Suceava-Siret Motorway	ROSCI0082
			ROSCI0310
2		Bucuresti-Alexandria-Craiova Motorway	ROSCI0376
			ROSCI0386
3		Craiova-Calafat Motorway	ROSCI0045
			ROSCI0202
4		Drobeta - Calafat Motorway	ROSCI0403
5		Lugoj - Craiova Motorway	ROSCI0045
			ROSCI0069
			ROSCI0109
			ROSCI0206
			ROSCI0366
6		Ploiesti-Bacau Motorway	ROSCI0103
			ROSCI0162
			ROSCI0290
7		Sibiu-Pitesti Motorway	ROSCI0085
	ROSCI0122		
	ROSCI0132		
8	Targu Mures-Iasi-Ungheni Motorway	ROSCI0019	
		ROSCI0058	



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No. Crt.	Sector	Project title	SCI code
			ROSCI0221
			ROSCI0265
			ROSCI0270
			ROSCI0297
			ROSCI0378
9		Timisoara - Moravita Motorway	ROSCI0109
9	Rail	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed level	ROSCI0045
			ROSCI0069
			ROSCI0109
			ROSCI0138
			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



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No. Crt.	Sector	Project title	SCI code
12		Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (sector testing). New link, rehabilitation at designed speed level and electrification.	ROSCI0305
			ROSCI0364
			ROSCI0379
			ROSCI0046
			ROSCI0085
			ROSCI0122
			ROSCI0132
13		Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed level.	ROSCI0304
			ROSCI0013
			ROSCI0064
			ROSCI0195
			ROSCI0207
			ROSCI0224
			ROSCI0227
			ROSCI0238
			ROSCI0290
			ROSCI0303
			ROSCI0329
			ROSCI0370
			ROSCI0373
ROSCI0382			
14		Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi	ROSCI0407
			ROSCI0010
			ROSCI0101



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No. Crt.	Sector	Project title	SCI code
			ROSCI0213
			ROSCI0232
			ROSCI0321
			ROSCI0328
			ROSCI0365
			ROSCI0393
			ROSCI0400
15		Cluj-Napoca - Oradea via Baia Mare - Satu Mare	ROSCI0020
			ROSCI0021
			ROSCI0192
			ROSCI0275
			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
19		Fetesti - Faurei (to be tested) – Grain line	ROSCI0360
			ROSCI0259



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No. Crt.	Sector	Project title	SCI code
			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
			ROSCI0367
			ROSCI0368
			ROSCI0369
23		Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed level. To retest Timisoara - Stamora Moravita	ROSCI0025
			ROSCI0049
			ROSCI0109
			ROSCI0231
			ROSCI0277
			ROSCI0402
24		Pitesti - Craiova (to be tested) – Auto line industry	ROSCI0266
			ROSCI0341
25	Water	Sulina Canal (to retest) – banks protection	ROSCI0065
			ROSCI0066



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No. Crt.	Sector	Project title	SCI code
26		Corabia Port - modernisation of port infrastructure	ROSCI0044
27		Oltenita Port - modernisation of port infrastructure	ROSCI0131
28		Orsova Port - modernisation of port infrastructure	ROSCI0206
29		Sulina Port (to be tested) - modernisation of port infrastructure	ROSCI0065
30		Common sector Romanian-Bulgarian – navigation conditions improvement	ROSCI0039
			ROSCI0044
			ROSCI0045
			ROSCI0088
			ROSCI0131
			ROSCI0299



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Table no. 10 List of projects included in the Core TEN-T (CTT) scenario that intersect SPA sites

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



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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



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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	



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No. Crt.	Sector	Project title	SPA Code
			ROSPA0135
			ROSPA0136



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ANNEX V – List of projects included in the Final revised draft of the Master Plan on short, medium and long term (according to the new list of projects approved after public debate - October 2014), that are close to Natura 2000 sites (buffer 1 km)

Table no. 11 List of projects included in the Do Minimum senario that are close to SCI sites

No. Crt	Sector	Project description	Code SCI
1	Road	Nadlac-Arad Motorway	ROSCI0108
2	Rail	Modernisation of the railway stations in Romania: Giurgiu Oraș, Slobozia Veche, Călărași Sud: Giurgiu Oraș, Slobozia Veche, Călărași Sud	ROSCI0290
3		Modernisation of the railway stations in Romania: Giurgiu Oraș, Slobozia Veche, Călărași Sud Sfantu Gheorghe, Targu Mures	ROSCI0329
Total no. projects that are in the vicinity of SCI sites			3

Table no. 12 List of projects included in the Do Minimum senario that are close to SPA sites

No. Crt	Sector	Project description	Code SPA
1	Road	Deva-Orastie Motorway	ROSPA0139
2		Nadlac-Arad Motorway	ROSPA0069
3		Bacau Bypass	ROSPA0063
4	Rail	Rehabilitation works for the Danube bridges at km 152+149 and at km 165+817, railway line Bucharest - Constanta - Regional Branch Constanta	ROSPA0012
5		Modernisation of the railway stations in Romania :Pitesti	ROSPA0062
6		Modernisation of the railway stations in Romania: CF Slatina, Ramnicu Valcea, Resita Sud	ROSPA0106
7		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	ROSPA0139
Total no. projects that are in the vicinity of SPA sites			7



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No. Crt	Sector	Project description	Code SCI
1	Road	Botosani -Tg. Frumos (to be tested)	ROSCI0076
2		Piatra Neamt - Tg. Neamt	ROSCI0270
3		Beclean Bypass	ROSCI0393
			ROSCI0400
4		Campulung Moldovenesc Bypass	ROSCI0321
5	Sfantu Gheorghe Bypass	ROSCI0329	
6	Intermodal	Feldioara IMT (Brasov County) –(to be tested)	ROSCI0329
7	Port	Port Giurgiu Port -modernisation of port infrastructure	ROSCI0088
8		Moldova Veche Port -modernisation of port infrastructure	ROSCI0206
9		Tulcea Port (to be tested) -modernisation of port infrastructure	ROSCI0065
Total no. projects that are in the vicinity of SCI sites		9	

Table no. 14 List of projects included in the ES/EES senario that are close to SPA sites

No. Crt	Sector	Project description	Code SPA
1	Road	A1 - Timisoara - Moravita (SRB) Rehabilitation	ROSPA0127
			ROSPA0128
2		Botosani - Tg. Frumos (to be tested) Rehabilitation	ROSPA0109
3		Piatra Neamt - Tg. Neamt Rehabilitation	ROSPA0107
4		Barlad Bypass	ROSPA0119
5		Campulung Moldovenesc Bypass	ROSPA0089
6		Giurgiu Bypass	ROSPA0108
7	Ramnicu Valcea Bypass	ROSPA0106	



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No. Crt	Sector	Project description	Code SPA
8		Sighisoara Bypass	ROSPA0028
9		Slobozia Bypass	ROSPA0099
10	Rail	Craiova - Calafat. Rehabilitation at designed speed	ROSPA0065
11	Intermodal	Galati IMT	ROSPA0013
12	Port, Waterway	Dunube- Bucharest Navigation Channel	ROSPA0023
13		Corabia Port -modernisation of port infrastructure	ROSPA0121
14		Constanta Port- modernisation of port infrastructure	ROSPA0038
15		Sulina Port (to be tested) -modernisation of port infrastructure	ROSPA0024
16		Tulcea Port (to be tested) -modernisation of port infrastructure	ROSPA0076
Total no. projects that are in the vicinity of SPA sites			16



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Table no. 15 List of projects included in the Core TEN-T (CTT) senario that are close to SCI sites

No. Crt	Sector	Project description	Code SCI
1	Road	Campia Turzii - Targu Mures Motorway	ROSCI0040
			ROSCI0367
2	Intermodal	Feldioara IMT (Brasov County) – to be tested	ROSCI0329
3	Port	Giurgiu Port -modernisation of port infrastructure	ROSCI0088
4		Moldova Veche Port- modernisation of port infrastructure	ROSCI0206
5		Tulcea Port (to be tested) -modernisation of port infrastructure	ROSCI0065
Total no. projects that are in the vicinity of SCI sites			5

Table nr. 16 List of projects included in the Core TEN-T (CTT) senario that are close to SPA sites

No. Crt	Sector	Project description	Code SPA
1	Road	Campia Turzii - Targu Mures Motorway	ROSPA0041
2	Rail	Craiova - Calafat. Rehabilitation at designed speed	ROSPA0013
			ROSPA0023
3	Intermodal	Galati IMT	ROSPA0121
4	Port, Waterway	Danube- Bucharest navigation channel	ROSPA0038
5		Corabia Port -modernisation of port infrastructure	ROSPA0024
6		Constanta Port - modernisation of port infrastructure	ROSPA0076
7		Sulina Port (to be tested) - modernisation of port infrastructure	ROSPA0031
8		Tulcea Port (to be tested)- modernisation of port infrastructure	ROSPA0031



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Total no. projects that are in the vicinity of SPA sites	
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Annex VI -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 (october 2014 version)

Table no. 17 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
15	ROSCI0386	Raul Vedea
16	ROSCI0217	Retezat

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
39	ROSCI0208	Putna - Vrancea
40	ROSCI0377	RAul Putna



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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
Total unique SCI sites intersected: 48					



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Table no. 18 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			
Total unique SPA sites intersected: 21					



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Table no. 19 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

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 - Obantul 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



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No. Crt.	SCI Code	SCI Name
23	ROSCI0062	Defileul Crișului Repede - Pădurea Craiului
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

No. Crt.	SCI Code	SCI Name
46	ROSCI0135	Pădurea Bârnova - Repede
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



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No. Crt.	SCI Code	SCI Name
70	ROSCI0227	Sighișoara - Târnava Mare
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 Iernuțeni și Periș
115	ROSCI0370	Râul Mureș între Lipova și Păuliș
116	ROSCI0373	Râul Mureș între Brănișca și Ilia
117	ROSCI0374	Râul Negru

No. Crt.	SCI Code	SCI Name
94	ROSCI0310	Lacurile Fălticeni
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 Sânaandrei
130	ROSCI0403	Vânju Mare
131	ROSCI0407	Zarandul de Vest



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No. Crt.	SCI Code	SCI Name
118	ROSCI0376	Râul Olt între Mărunței și Turnu Măgurele

No. Crt.	SCI Code	SCI Name
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DE MEDIU**Table no. 20 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



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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



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DE MEDIU**Table no. 21 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

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 Bărnova - 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



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No. crt.	SCI Code	SCI Name
39	ROSCI0206	Porțile de Fier
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

No. crt.	SCI Code	SCI Name
60	ROSCI0297	Dealurile Târnavei Mici - Bicheș
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



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No. crt.	SCI Code	SCI Name
81	ROSCI0376	Râul Olt între Mărunței și Turnu Măgurele
82	ROSCI0378	Râul Siret între Pașcani și Roman
83	ROSCI0379	Râul Suceava
84	ROSCI0382	Râul Târnava Mare între Copșa Mică și Mihalț
85	ROSCI0385	Râul Timis între Rusca și Prisaca
86	ROSCI0386	Râul Vedea

No. crt.	SCI Code	SCI Name
87	ROSCI0393	Someșul Mare
88	ROSCI0400	Șieu - Budac
89	ROSCI0402	Valea din Sănandrei
90	ROSCI0403	Vânju Mare
91	ROSCI0407	Zarandul de Vest

Total unique SCI sites intersected: 91



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DE MEDIU**Table no. 22 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
24	ROSPA0047	Hunedoara Timișană
25	ROSPA0062	Lacurile de acumulare de pe Argeș
26	ROSPA0063	Lacurile de acumulare Buhuși - Bacău - Bereș
27	ROSPA0064	Lacurile Fălticeni
28	ROSPA0067	Lunca Barcaului
29	ROSPA0071	Lunca Siretului Inferior
30	ROSPA0072	Lunca Siretului Mijlociu

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
44	ROSPA0113	Cânepiști
45	ROSPA0114	Cursul Mijlociu al Somesului
46	ROSPA0115	Defileul Crisului Repede-Valea Iadului
47	ROSPA0119	Horga - Zorleni
48	ROSPA0128	Lunca Timisului
49	ROSPA0129	Masivul Ceahlau
50	ROSPA0135	Nisipurile de la Dăbuleni



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ANNEX VII – List of unique Natura 2000 sites that are close to (buffer 1 km) projects included in Final revised draft of the Master Planul on short, medium and long term (according to the new list of projects approved after public debate - October 2014)

Table no. 23 List of unique SCI sites that are close to projects included in the Do Minimum scenario

No. crt.	SCI Code	SCI Name
1	ROSCI0108	Lunca Muresului Inferior
2	ROSCI0290	Coridorul Ialomitei
3	ROSCI0329	Oltul Superior
Total uniqueSCI sites that are close to projects: 3		

Table no. 24 List of unique SPA sites that are close to projects included in the Do Minimum scenario

No. crt.	SPA Code	SPA Name
1	ROSPA0012	Bratul Borcea
2	ROSPA0039	Dunare - Ostroave
3	ROSPA0062	Lacurile de acumulare de pe Arges
4	ROSPA0063	Lacurile de acumulare Buhusi - Bacau - Beres
5	ROSPA0069	Lunca Muresului inferior
6	ROSPA0106	Valea Oltului Inferior
7	ROSPA0139	Piemontul Muntilor Metaliferi si Vintului
Total uniqueSPA sites that are close to projects: 7		



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Nr. crt.	SCI Code	SCI name
1	ROSCI0065	Delta Dunării
2	ROSCI0076	Dealul Mare - Hârlău
3	ROSCI0088	Gura Vedei - Șaica - Slobozia
4	ROSCI0206	Porțile de Fier
5	ROSCI0270	Vânători - Neamț
6	ROSCI0321	Moldova Superioară
7	ROSCI0329	Oltul Superior
8	ROSCI0393	Someșul Mare
Total uniqueSCI sites that are close to projects: 8		

Table no. 26 List of unique SPA sites that are in vicinity of projects included in the development scenario (ES/EES)

Nr. crt.	SPA Code	SPA Name
1	ROSPA0028	Dealurile Târnavelor și Valea Nirajului
2	ROSPA0065	Lacurile Fundata - Amara
3	ROSPA0089	Obcina Feredeului
4	ROSPA0099	Podisul Hartibaciu
5	ROSPA0106	Valea Oltului Inferior
6	ROSPA0107	Vânători - Neamț
7	ROSPA0108	Vedea - Dunăre
8	ROSPA0109	Acumularile Belcești
9	ROSPA0119	Horga - Zorleni



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Nr. crt.	SPA Code	SPA Name
10	ROSPA0127	Lunca Bârzavei
11	ROSPA0128	Lunca Timisului
Total uniqueSPA sites that are close to projects: 11		

Tabel no. 27 List of unique SCI sites that are in vicinity of projects included in the Core TEN scenario -T (CTT)

Nr. crt.	SCI Code	SCI Name
1	ROSCI0040	Coasta Lunii
2	ROSCI0065	Delta Dunării
3	ROSCI0088	Gura Vedei - Șaica - Slobozia
4	ROSCI0206	Porțile de Fier
5	ROSCI0329	Oltul Superior
6	ROSCI0367	Râul Mureș între Morești și Ogra
Total uniqueSCI sites that are close to projects: 6		

Tabel no. 28 List of unique SPA sites that are in vicinity of projects included in the Core TEN scenario -T (CTT)

Nr. crt.	SPA Code	SPA Name
1	ROSPA0013	Calafat - Ciuperceni - Dunăre
2	ROSPA0023	Confluența Jiu - Dunăre
3	ROSPA0024	Confluența Olt - Dunăre
4	ROSPA0031	Delta Dunării și Complexul Razim - Sinoie
5	ROSPA0038	Dunăre - Oltenița
6	ROSPA0041	Eleșteele Iernut - Cipău
7	ROSPA0076	Marea Neagră



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8	ROSPA0121	Lacul Brateș
Total uniqueSPA sites that are close to projects: 8		



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ANNEXA VIII – Lists of Natura 2000 sites intersected where is likely to appear a moderate or significant impact as a result of the changes proposed by projects included in the final version of the Master Plan short, medium and long(the new list of projects approved after public debate - October 2014)

Table no. 29 Lists of SCI sites intersected where is likely to appear a moderate impact as a result of the changes proposed by projects included in the Do minimum scenario

No. SCI sites	SCI Code Project Description
1	ROSCI0022 Improving the navigation conditions on the lower Danube (Calarasi-Braila)
	Rehabilitation works for the Danube bridges at km 152+149 and at km 165+817, railway line Bucharest - Constanta - Regional Branch Constanta
	Rehabilitation of the Bucharest-Constanta line
2	ROSCI0063 Rehabilitation DN66 Filiasi - Petrosani, km 0+000 - km 131+000
	ROSCI0267 Oradea Bypass – Phase II
4	ROSCI0342 Targu Mures Bypass
	ROSCI0373 Lugoj-Deva Motorway Modernisation of the Border-Curtici-Arad-Simeria line: Section 1 Border-Arad-km 614
6	ROSCI0377 Rehabilitation DN2D Focsani - Ojdula km 0+000 - km 118+893



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Table no. 30 Lists of SPA sites intersected where is likely to appear a moderate impact as a result of the changes proposed by projects included in the Do minimum scenario

No. SPA sites	SPA Code Project Description
1	ROSPA0002
	Improving the navigation conditions on the lower Danube (Calarasi-Braila)
2	ROSPA0005
	Improving the navigation conditions on the lower Danube (Calarasi-Braila)
3	ROSPA0012
	Improving the navigation conditions on the lower Danube (Calarasi-Braila)
4	ROSPA0023
	Rehabilitation of DN56 Craiova - Calafat km 0 +000 - km 87+047
5	ROSPA0024
	Bridge over Sai at DN54 km 67+774 and new road alligment for DN54, km 65 +950 - km 70 +600 at Turnu Magurele
6	ROSPA0029
	Lugoj-Deva Motorway Modernisation of the Border-Curtici-Arad-Simeria line: Section 1 Border-Arad-km 614
7	ROSPA0031
	Protection for banks at Sulina Channel - Stage I
8	ROSPA0035
	Link road DN66A km 47+600 - km 66+204, Campu lui Neag-Cerna
9	ROSPA0039
	Improving the navigation conditions on the lower Danube (Calarasi-Braila)
10	ROSPA0071



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No. SPA sites	SPA Code	Project Description
		Electrification of the Doaga-Tecuci-Barbosi line
		New bridge at Cosmesti , over Siret river on DN24 km 7+620
11	ROSPA0074	Rehabilitation of DN56 Craiova - Calafat km 0 +000 - km 87+047
12	ROSPA0075	Rehabilitation DN2D Focsani - Ojdula km 0+000 - km 118+893
13	ROSPA0084	Link road DN66A km 47+600 - km 66+204, Campu lui Neag-Cerna
14	ROSPA0087	Sebes-Turda Motorway
15	ROSPA0088	Rehabilitation DN2D Focsani - Ojdula km 0+000 - km 118+893
16	ROSPA0106	Road Bridge over Olt in Slatina on DN6, km 48 +570 Rehabilitation DN 6 Alexandria Craiova
17	ROSPA0114	Rehabilitation DN 1H Zalau - Alesd, km 0+000 - km 69+334
18	ROSPA0123	Oradea Bypass – Phase II Alesd Sud Bypass and Alesd Nord Bypass
19	ROSPA0139	Deva-Orastie Motorway
20	ROSPA0141	Modernisation DN2N km 52+860 - km 60+000 Jitia - Biscoa and new bridge over Ramnicu Sarat river la km 53+300



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Table no. 31 Lists of SPA sites intersected where is likely to appear a significant impact as a result of the changes proposed by projects included in the Do minimum scenario I Do Minimum

No. SPA sites	SPA Code Project Description
1	ROSPA0122
	Modernization of Bucharest Ring Road between A1 - DN7 and DN2 - A2 (widening to 4 lanes) Rehabilitation of the Bucharest-Constanta line
2	ROSPA0137
	Rehabilitation DN 6 Alexandria Craiova



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Table no. 32 Lists of SCI sites intersected where is likely to appear a moderate impact as a result of the changes proposed by projects included in the development scenario (ES/EES)

No. SCI sites	SCI Code	Project description
1	ROSCI0005	Fetesti – Faurei (to be tested) – Grain Line
2	ROSCI0007	Rehabilitation A5 - Sf. Gheorghe - B. Tusnad - Miercurea Ciuc - Ditrau (DE 3)
3	ROSCI0008	A Rehabilitation 1 (Deva) - Brad - Stei - Oradea - A3
4	ROSCI0010	Rehabilitation Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
		Rehabilitation Iacobeni - Borsa - S.Marmatiei - Negresti Oas - DE 4
		Rehabilitation Suceava - Vatra Dornei - Bistrita - Saratel -Dej
5	ROSCI0012	Constanta-Tulcea-Braila Expresway(including the Braila Bridge) + Babadag Bypass, Tulcea Bypass, Isaccea Bypass, Macin Bypass
6	ROSCI0013	Comarnic-Brasov Motorway+ Sinaia Bypass, Busteni Bypass, Rasnov Bypass and Comarnic Bypass
		Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed
7	ROSCI0019	Targu Mures-Pascani Motorway+ Tg Neamt Bypass
		Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
8	ROSCI0020	Cluj-Napoca - Oradea via Baia Mare - Satu Mare Rehabilitation at designed speed
9	ROSCI0021	Rehabilitation A3 (Oradea) - Carei - Satu Mare - DE 4
		Cluj-Napoca - Oradea via Baia Mare - Satu Mare Rehabilitation at designed speed
10	ROSCI0022	Rehabilitation Braila - Slobozia - Dranjna (A2) - Calarasi - Chiciu (BG)
11	ROSCI0025	Rehabilitation A1 - Arad - Salonta - Oradea
		Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed. Timisoara - Stamora Moravita railway sector to be tested
12	ROSCI0030	Turda-Halmeu (UA) Expressway and Livada - Petea link road (HU)+ Dej Bypass, Baia Mare Bypass, Satu Mare Bypass, Gherla Bypass and Apahida Bypass
13	ROSCI0037	Rehabilitation A5 - Sf. Gheorghe - B. Tusnad - Miercurea Ciuc - Ditrau (DE 3)
14	ROSCI0039	Craiova - Calafat. Rehabilitation at designed speed
		The common Romanian - Bulgarian Sector – enhancement of navigation conditions
15	ROSCI0043	Bucuresti - Giurgiu (BG)
		Bucuresti - Giurgiu via Gradistea. Rehabilitation at designed speed. Electrification
16	ROSCI0044	Corabia Port- modernisation of port infrastructure
		The common Romanian - Bulgarian Sector – enhancement of navigation conditions
17	ROSCI0045	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
		Craiova - Calafat (BG)



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No. SCI sites	SCI Code	Project description
		Craiova - Calafat. Rehabilitation at designed speed
		Lugoj- Craiova Expressway + Caransebes Bypass, Drobeta Tr. Severin Bypass, Strehaia Bypass and Filiasi Bypass
		Filiasi - Tg. Jiu - Petrosani - Hateg - Deva - A1
		The common Romanian - Bulgarian Sector – enhancement of navigation conditions
18	ROSCI0046	Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (to be tested). New link, Rehabilitation at designed speed and electrification.
19	ROSCI0049	A1 - Arad - Salonta - Oradea
		Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed. Timisoara - Stamora Moravita sector to be tested
20	ROSCI0050	Cluj-Napoca - Oradea. Electrification
21	ROSCI0051	Suceava - Vatra Dornei - Bistrita - Saratel -Dej
22	ROSCI0058	Pascani-Iasi-Ungheni Expressway+ Pascani Bypass, Targu Frumos Bypass and Iasi Bypass
23	ROSCI0059	Brasov-Bacau Motorway + Targu Secuiesc Bypass and Onesti Bypass
24	ROSCI0062	Cluj-Napoca - Oradea. Electrification
25	ROSCI0064	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed
26	ROSCI0065	Protection for banks at Sulina Channel (to be tested)
		Sulina Port (to be tested)
27	ROSCI0069	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
		Lugoj- Craiova Expressway+ Caransebes Bypass, Drobeta Tr. Severin Bypass, Strehaia Bypass and Filiasi Bypass
28	ROSCI0070	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed .
29	ROSCI0072	Bacau-Focsani-Braila-Galati – Giurgulesti Expressway (UA and MD) + Bacau Bypass, Adjud Bypass, Braila Bypass and Galati Bypass
30	ROSCI0076	Botosani -Tg. Frumos (to be tested)
		Suceava-Botosani Expressway
31	ROSCI0085	Sibiu - Pitesti Motorway + Curtea de Arges Bypass
		Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (to be tested). New link, Rehabilitation at designed speed and electrification
32	ROSCI0087	Filiasi - Simeria (to be tested) – Coal line
		Filiasi - Tg. Jiu - Petrosani - Hateg - Deva - A1
33	ROSCI0088	The common Romanian - Bulgarian Sector – enhancement of navigation conditions
34	ROSCI0094	Constanta - Mangalia - Vama Veche (to be tested)
35	ROSCI0103	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ukraina (Siret). Rehabilitation at designed speed
		Buzau-Focsani Expressway + Buzau Bypass, Rm. Sarat Bypass and Focsani Bypass
		Gaesti-Ploiesti-Buzau-Braila Expressway + Targoviste Bypass, Mizil Bypass, Ianca Bypass and Gaesti Bypass
		Faurei - Iasi (to be tested) –railway artery 6
36	ROSCI0105	Bacau-Focsani-Braila-Galati – Giurgulesti Expressway (UA and MD) + Bacau Bypass, Adjud Bypass, Braila Bypass and Galati Bypass
37	ROSCI0106	Gaesti-Ploiesti-Buzau-Braila Expressway+ Targoviste Bypass, Mizil Bypass, Ianca Bypass and Gaesti Bypass



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No. SCI sites	SCI Code	Project description
38	ROSCI0109	A1 - Timisoara - Moravita (SRB)
		Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
		Lugoj- Craiova Expressway + Caransebes Bypass, V Drobeta Tr Bypass. Severin Bypass, Strehaia Bypass and Filiasi Bypass
		Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed. Timisoara - Stamora Moravita sector to be tested
39	ROSCI0113	A5 - Sf. Gheorghe - B. Tusnad - Miercurea Ciuc - Ditrau (DE 3)
40	ROSCI0114	Constanta - Mangalia - Vama Veche (to be tested)
		Mangalia Bypass
41	ROSCI0117	Iasi - Vaslui - Bacau
42	ROSCI0122	Sibiu - Pitesti Motorway + Curtea de Arges Bypass
		Sibiu-Brasov Motorway + Fagaras Bypass
		Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (to be tested). New link, Rehabilitation at designed speed and electrification
43	ROSCI0124	Iacobeni - Borsa - S.Marmatiei - Negresti Oas - DE 4
44	ROSCI0125	Iacobeni - Borsa - S.Marmatiei - Negresti Oas - DE 4
45	ROSCI0130	Brasov-Bacau Motorway + Targu Secuiesc Bypass and Onesti Bypass
		Focsani - A5 - Tg. Secuiesc
46	ROSCI0131	Braila - Slobozia - Dranjna (A2) - Calarasi - Chiciu (BG)
		Oltenita Port - modernisation of port infrastructure
		The common Romanian - Bulgarian Sector – enhancement of navigation conditions
47	ROSCI0132	Sibiu - Pitesti Motorway + Curtea de Arges Bypass
		Sibiu-Brasov Motorway + Fagaras Bypass
		Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (to be tested). New link, Rehabilitation at designed speed and electrification
		Touristic lines: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
48	ROSCI0135	Faurei - Iasi (to be tested) –railway artery 6
		Iasi - Vaslui - Bacau
49	ROSCI0137	Brasov - Sighisoara - Tg Mures (DE 3)
50	ROSCI0157	Mangalia Bypass
51	ROSCI0158	Faurei - Iasi (to be tested) –railway artery 6
52	ROSCI0162	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed
		Bacau-Focsani-Braila-Galati – Giurgiulesti Expressway (UA and MD) + Bacau Bypass, Adjud Bypass, Braila Bypass and Galati Bypass
		Faurei - Iasi (to be tested) –railway artery 6
		Vaslui - Barlad - Tecuci - Galati (to be tested)
53	ROSCI0168	Craiova-Pitesti Motorway+ Bals Bypass and Slatina Bypass
54	ROSCI0173	Drobeta Tr. Severin - Calafat (BG)



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No. SCI sites	SCI Code	Project description
55	ROSCI0174	Corabia - Caracal - Dragasani - Rm. Valcea - DE 2
56	ROSCI0186	Brasov - Sighisoara - Tg Mures (DE 3)
57	ROSCI0192	Cluj-Napoca - Oradea via Baia Mare - Satu Mare
58	ROSCI0194	Brasov-Pitesti Motorway+ Campulung Bypass, Rucar Bypass and Bran Bypass
59	ROSCI0195	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed
60	ROSCI0200	A1 (Deva) - Brad - Stei - Oradea - A3
61	ROSCI0201	Constanta-Tulcea-Braila Expressway (including Braila Bridge) + Babadag Bypass, Tulcea Bypass, Isaccea Bypass, Macin Bypass
62	ROSCI0202	Craiova - Calafat (BG)
63	ROSCI0205	Sibiu-Brasov Motorway + Fagaras Bypass
64	ROSCI0206	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
		Lugoj- Craiova Expressway + Caransebes Bypass, Drobeta Tr Bypass. Severin Bypass, Strehaia Bypass and Filiasi Bypass
		Port Orsova Port - modernisation of port infrastructure
65	ROSCI0207	Bucuresti - Ungaria via Brasov + Teius - Cluj. VO
66	ROSCI0208	Focsani - A5 - Tg. Secuiesc
67	ROSCI0213	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
		Pascani-Iasi-Ungheni Expressway + Pascani Bypass, Targu Frumos Bypass and Iasi Bypass
68	ROSCI0214	Turda-Halmeu Expressway (UA)and Livada – Petea link road (HU)+ Dej Bypass, Baia Mare Bypass, Satu Mare Bypass, Gherla Bypass and Apahida Bypass
69	ROSCI0221	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ukraine (Siret)
		Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
		Pascani-Iasi-Ungheni Expressway+ Pascani Bypass, Targu Frumos Bypass and Iasi Bypass
70	ROSCI0224	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ukraine(Siret).
		Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed .
71	ROSCI0226	Touristic lines: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
72	ROSCI0227	Brasov - Sighisoara - Tg Mures (DE 3)
		Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed
		Targu Mures - Sighisoara – Fagaras Expressway(to be tested) + Sighisoara Bypass
		Sighisoara Bypass
73	ROSCI0231	A1 - Arad - Salonta - Oradea
		Oradea - Timisoara - Stamura Moravita. Rehabilitation at designed speed . Timisoara - Stamura Moravita sector to be tested
74	ROSCI0236	Filiasi - Simeria (to be tested) – Coal line
		Touristic lines:: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)



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No. SCI sites	SCI Code	Project description
75	ROSCI0238	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed .
76	ROSCI0240	A1 (Deva) - Brad - Stei - Oradea - A3
77	ROSCI0247	Suceava - Vatra Dornei - Bistrita - Saratel -Dej
78	ROSCI0251	Iacobeni - Borsa - S.Marmatiei - Negresti Oas - DE 4
79	ROSCI0253	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed . Touristic lines: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
80	ROSCI0259	Fetesti - Faurei (to be tested) – Cereals line
81	ROSCI0264	Iacobeni - Borsa - S.Marmatiei - Negresti Oas - DE 4
82	ROSCI0265	Pascani-Iasi-Ungheni Expressway+ Pascani Bypass, Targu Frumos Bypass and Iasi Bypass
83	ROSCI0266	Corabia - Caracal - Dragasani - Rm. Valcea - DE 2 Pitesti - Craiova (to be tested) – Automotive line
84	ROSCI0269	Constanta - Mangalia - Vama Veche (to be tested) Mangalia Bypass
85	ROSCI0270	Targu Mures-Pascani Expressway+ Tg Neamt Bypass
86	ROSCI0275	Cluj-Napoca - Oradea via Baia Mare - Satu Mare
87	ROSCI0277	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed . Timisoara - Stamora Moravita sector to be tested
88	ROSCI0279	Targu Mures-Pascani Expressway + Tg Neamt Bypass
89	ROSCI0281	Mangalia Bypass
90	ROSCI0290	Braila - Slobozia - Dranjna (A2) - Calarasi - Chiciu (BG) Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ukraine (Siret). Rehabilitation at designed speed. Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed. Gaesti-Ploiesti-Buzau-Braila Expressway+ Targoviste Bypass , Mizil Bypass, Ianca Bypass and Gaesti Bypass Fetesti - Faurei (to be tested) – Cereals line Slobozia Bypass
91	ROSCI0291	A1 (Deva) - Brad - Stei - Oradea - A3
92	ROSCI0292	Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
93	ROSCI0295	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi Cluj-Napoca - Oradea via Baia Mare - Satu Mare Turda-Halmeu Expressway (UA) and Livada – Petea link road (HU)+ Dej, Baia Mare Bypass, Satu Mare Bypass, Gherla Bypass and Apahida Bypass
94	ROSCI0296	Corabia - Caracal - Dragasani - Rm. Valcea - DE 2
95	ROSCI0297	Targu Mures-Pascani Expressway + Tg Neamt Bypass



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		Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
96	ROSCI0299	Craiova - Calafat (BG) Drobeta Tr. Severin - Calafat (BG) The common Romanian - Bulgarian Sector – enhancement of navigation conditions
97	ROSCI0303	Brasov - Sighisoara - Tg Mures (DE 3) Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed..
98	ROSCI0304	Autostrada Sibiu-Brasov + VO Fagaras Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (to be tested). New link, rehabilitation at designed speed.and electrification Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
99	ROSCI0305	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ukraine (Siret). Rehabilitation at designed speed. Gaesti-Ploiesti-Buzau-Braila Expressway + Targoviste Bypass, Mizil Bypass, Ianca Bypass and Gaesti Bypass
100	ROSCI0307	Braila - Slobozia - Dranjna (A2) - Calarasi - Chiciu (BG)
101	ROSCI0310	Bacau-Suceava Expressway
102	ROSCI0314	Cluj-Napoca - Oradea via Baia Mare - Satu Mare
103	ROSCI0320	Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
104	ROSCI0321	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi Suceava - Vatra Dornei - Bistrita - Saratel -Dej Campulung Moldovenesc Bypass
105	ROSCI0323	A5 - Sf. Gheorghe - B. Tusnad - Miercurea Ciuc - Ditrau (DE 3) Miercurea Ciuc Bypass
106	ROSCI0324	A1 (Deva) - Brad - Stei - Oradea - A3
107	ROSCI0328	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi Suceava - Vatra Dornei - Bistrita - Saratel -Dej
108	ROSCI0329	A5 - Sf. Gheorghe - B. Tusnad - Miercurea Ciuc - Ditrau (DE 3) Brasov-Bacau Motorway+ Targu Secuiesc Bypass and Onesti Brasov - Sighisoara - Tg Mures (DE 3) Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed Feldioara IMT (Brasov County) - to be tested Sfantu Gheorghe Bypass
109	ROSCI0330	Faurei - Iasi (to be tested) –railway artery 6
110	ROSCI0341	Pitesti - Craiova (to be tested) – Automotive line
111	ROSCI0344	Gaesti-Ploiesti-Buzau-Braila Expressway + Targoviste, Mizil, Ianca and Gaesti
112	ROSCI0352	Sibiu-Brasov Motorway+ Fagaras Bypass



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No. SCI sites	SCI Code	Project description
113	ROSCI0354	Drobeta Turnu Severin - Targu Jiu – Ramnicul Valcea - Pitesti (to be tested)
114	ROSCI0358	Iacobeni - Borsă - S.Marmatiei - Negresti Oas - DE 4
115	ROSCI0360	Faurei - Iasi (to be tested) –railway artery 6
		Vaslui - Barlad - Tecuci - Galati (to be tested)
		Barlad Bypass
116	ROSCI0362	Drobeta Turnu Severin - Targu Jiu – Ramnicul Valcea - Pitesti (to be tested)
117	ROSCI0363	Bacau-Suceava Expressway
		Targu Mures-Pascani Expressway + Tg Neamt Bypass
118	ROSCI0364	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ukraine (Siret). Rehabilitation at designed speed
119	ROSCI0365	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
		Bacau-Suceava Expressway
120	ROSCI0366	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
		Lugoj- Craiova Expressway+ Caransebes Bypass, Drobeta Tr. Severin Bypass, Strehaia and Filiasi Bypass
121	ROSCI0367	Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
122	ROSCI0370	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
123	ROSCI0373	Bucuresti - Ungaria via Brasov + Teius - Cluj.
124	ROSCI0374	Brasov-Bacau Motorway+ Targu Secuiesc Bypass and Onesti Bypass
		Focsani - A5 - Tg. Secuiesc
125	ROSCI0376	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed.
		Bucuresti-Alexandria-Craiova Expressway + Mihailesti Bypass, Alexandria, Rosiori Caracal and Craiova
126	ROSCI0377	Focsani - A5 - Tg. Secuiesc
127	ROSCI0378	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.
		Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
		Pascani-Iasi-Ungheni Expressway+ Pascani Bypass, Targu Frumos and Iasi
128	ROSCI0379	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.
129	ROSCI0380	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret).
		Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
		Suceava-Botosani Expressway
130	ROSCI0382	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed..
131	ROSCI0383	Brasov - Sighisoara - Tg Mures (DE 3)
		Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed..
132	ROSCI0384	Brasov - Sighisoara - Tg Mures (DE 3)
		Targu Mures - Sighisoara – Fagaras Expressway (to be tested) + Sighisoara



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No. SCI sites	SCI Code	Project description
133	ROSCI0385	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed.. Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
134	ROSCI0386	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed.. Bucuresti-Alexandria-Craiova Expressway + Mihailesti, Alexandria, Rosiori, Caracal and Craiova
135	ROSCI0393	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi Suceava - Vatra Dornei - Bistrita - Saratel -Dej Beclean Bypass
136	ROSCI0394	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi Cluj-Napoca - Oradea via Baia Mare - Satu Mare
137	ROSCI0400	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi Saratel - Reghin - Tg Mures Suceava - Vatra Dornei - Bistrita - Saratel -Dej
138	ROSCI0403	Drobeta Tr. Severin - Calafat (BG)
139	ROSCI0407	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed..



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Table no. 33 Lists of SCI sites intersected where is likely to appear a semnificativ impact as a result of the changes proposed by projects included in the development scenario (ES/EES)

No. SCI sites	SCI Code	Project Description
1	ROSCI0063	Filiasi - Simeria (to be tested) – Coal line
		Filiasi - Tg. Jiu - Petrosani - Hateg - Deva - A1
2	ROSCI0082	Bacau-Suceava expressway
3	ROSCI0101	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
4	ROSCI0147	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed
5	ROSCI0160	Pascani-Iasi-Ungheni Expressway+ Pascani Bypass, Targu Frumos and Iasi
6	ROSCI0170	Brasov-Bacau Motorway + Targu Secuiesc Bypass and Onesti Bypass
7	ROSCI0197	Constanta - Mangalia - Vama Veche (to be tested)
8	ROSCI0232	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
9	ROSCI0284	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
10	ROSCI0368	Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
11	ROSCI0369	Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
		Saratel - Reghin - Tg Mures



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Table no. 34 Lists of SPA sites intersected where is likely to appear a moderate impact as a result of the changes proposed by projects included in the development scenario (ES/EES)

No. SPA sites	SPA Code	Project description
1	ROSPA0003	Sibiu-Brasov Moterway+ Fagaras Bypass
2	ROSPA0004	Faurei - Iasi (to be tested) – railway artery 6
3	ROSPA0006	Braila - Slobozia - Dranjna (A2) - Calarasi - Chiciu (BG)
		Fetesti - Faurei (to be tested) – Cereals line
4	ROSPA0011	Drobeta Tr. Severin - Calafat (BG)
5	ROSPA0013	The common Romanian - Bulgarian Sector – enhancement of navigation conditions
6	ROSPA0015	A1 - Arad - Salonta - Oradea
		Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed. De retestat Timisoara - Stamora Moravita
7	ROSPA0016	A3 (Oradea) - Carei - Satu Mare - DE 4
		Cluj-Napoca - Oradea via Baia Mare - Satu Mare
8	ROSPA0019	Constanta-Tulcea-Braila Expressway (including Braila Bridge) + Babadag Bypass, Tulcea Bypass, Isaccea Bypass, Macin Bypass
9	ROSPA0021	The common Romanian - Bulgarian Sector – enhancement of navigation conditions
10	ROSPA0022	Bucuresti - Giurgiu (BG)
		Bucuresti - Giurgiu via Gradistea. Rehabilitation at designed speed. Electrification
11	ROSPA0023	Craiova - Calafat (BG)
		Craiova - Calafat. Rehabilitation at designed speed.
		The common Romanian - Bulgarian Sector – enhancement of navigation conditions
12	ROSPA0024	The common Romanian - Bulgarian Sector – enhancement of navigation conditions
13	ROSPA0025	Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (to be tested). New link, Rehabilitation at designed speed. Electrification.
14	ROSPA0026	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
		Lugoj- Craiova Drumexpress+ Caransebes Bypass, Drobeta Tr. Severin Bypass, Strehaia Bypass and Filiasi Bypass



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No. SPA sites	SPA Code	Project description
		Orsova Port - modernisation of port infrastructure
15	ROSPA0027	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed
16	ROSPA0028	Brasov - Sighisoara - Tg Mures (DE 3)
		Targu Mures - Sighisoara - Fagaras Expressway (to be tested) + Sighisoara Bypass
		Targu Mures-Pascani Expressway+ Tg Neamt Bypass
		Touristic Line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
17	ROSPA0029	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed
18	ROSPA0031	Protection for banks at Sulina Channel
		Constanta-Tulcea-Braila Expressway(including Braila Bridge) + Babadag Bypass, Tulcea Bypass, Isaccea Bypass, Macin Bypass
19	ROSPA0032	Constanta-Tulcea-Braila Expressway(including Braila Bridge) + Babadag Bypass, Tulcea Bypass, Isaccea Bypass, Macin Bypass
20	ROSPA0033	A5 - Sf. Gheorghe - B. Tusnad - Miercurea Ciuc - Ditrau (DE 3)
		Targu Mures-Pascani Expressway+ Tg Neamt Bypass
21	ROSPA0034	A5 - Sf. Gheorghe - B. Tusnad - Miercurea Ciuc - Ditrau (DE 3)
		Miercurea Ciuc Bypass
22	ROSPA0035	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
23	ROSPA0037	Brasov - Sighisoara - Tg Mures (DE 3)
		Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed
24	ROSPA0038	Oltenita Port - modernisation of port infrastructure
		The common Romanian - Bulgarian Sector – enhancement of navigation conditions
25	ROSPA0039	Braila - Slobozia - Dranjna (A2) - Calarasi - Chiciu (BG)
26	ROSPA0040	Constanta-Tulcea-Braila Expressway(including Braila Bridge) + Babadag Bypass, Tulcea Bypass, Isaccea Bypass, Macin Bypass
27	ROSPA0041	Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
28	ROSPA0043	Sibiu – Pitesti Motorway + Curtea de Arges Bypass
		Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (to be tested). New link, Rehabilitation at designed speed and electrification.
29	ROSPA0045	Filiasi - Simeria (to be tested) – Coal Line
		Filiasi - Tg. Jiu - Petrosani - Hateg - Deva - A1



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No. SPA sites	SPA Code	Project description
30	ROSPA0047	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
		Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed . Timisoara - Stamora Moravita sector to be tested
31	ROSPA0051	Braila - Slobozia - Dranjna (A2) - Calarasi - Chiciu (BG)
32	ROSPA0060	Constanta-Tulcea-Braila Expressway(including Braila Bridge) + Babadag Bypass, Tulcea Bypass, Isaccea Bypass, Macin Bypass
33	ROSPA0061	Constanta - Mangalia - Vama Veche (to be tested)
34	ROSPA0063	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed
		Bacau-Focsani-Braila-Galati – Giurgiulesti Expressway (UA and MD) + Bacau Bypass, Adjud Bypass, Braila Bypass and Galati Bypass
		Iasi - Vaslui - Bacau
35	ROSPA0065	Slobozia Bypass
36	ROSPA0066	Constanta - Mangalia - Vama Veche (to be tested)
		Mangalia Bypasss
37	ROSPA0068	Turda-Halmeu Expressway (UA) and Livada – Petea link road (HU)+ Dej Bypasss, Baia Mare Bypasss, Satu Mare Bypasss, Gherla Bypasss and Apahida Bypasss
38	ROSPA0071	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.
		Bacau-Focsani-Braila-Galati – Giurgiulesti Expressway (UA and MD) + Bacau Bypass, Adjud Bypass, Braila Bypass and Galati Bypass
		Faurei - Iasi (to be tested) – railway artery 6
		Vaslui - Barlad - Tecuci - Galati (to be tested)
39	ROSPA0072	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.
		Bacau-Suceava Expressway
40	ROSPA0073	Constanta-Tulcea-Braila Expressway(including Braila Bridge) + Babadag Bypass, Tulcea Bypass, Isaccea Bypass, Macin Bypass
41	ROSPA0074	Craiova - Calafat (BG)
		Drobeta Tr. Severin - Calafat (BG)
		The common Romanian - Bulgarian Sector – enhancement of navigation conditions
42	ROSPA0075	Focsani - A5 - Tg. Secuiesc
43	ROSPA0076	Constanta - Mangalia - Vama Veche (to be tested)
		Mangalia Bypass



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44	ROSPA0080	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed.
		Lugoj- Craiova Expressway+ Caransebes Bypass, Drobeta Tr. Severin, Strehaia Bypas and Filiasi Bypass
		Orsova Port - modernisation of port infrastructure
		Moldova Veche Port - modernisation of port infrastructure
45	ROSPA0082	A5 - Sf. Gheorghe - B. Tusnad - Miercurea Ciuc - Ditrau (DE 3)
		Motorway Brasov-Bacau + Targu Secuiesc Bypass and Onesti Bypass
		Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
46	ROSPA0085	Iacobeni - Borsa - S.Marmatiei - Negresti Oas - DE 4
47	ROSPA0086	Touritic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
48	ROSPA0087	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed
		Turda-Halmeu Expressway (UA) and Livada – Petea link road (HU)+ Dej Bypasss, Baia Mare Bypasss, Satu Mare Bypasss, Gherla Bypasss and Apahida Bypasss
		Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
49	ROSPA0088	Focsani - A5 - Tg. Secuiesc
50	ROSPA0089	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
		Suceava - Vatra Dornei - Bistrita - Saratel -Dej
		Campulung Moldovenesc Bypass
51	ROSPA0090	The common Romanian - Bulgarian Sector – enhancement of navigation conditions
52	ROSPA0091	Constanta-Tulcea-Braila Expressway(including Braila Bridge) + Babadag Bypass, Tulcea Bypass, Isaccea Bypass, Macin Bypass
653	ROSPA0092	Faurei - Iasi (to be tested) – railway artery 6
		Iasi - Vaslui - Bacau
54	ROSPA0093	Brasov - Sighisoara - Tg Mures (DE 3)
55	ROSPA0096	Iasi - Vaslui - Bacau
56	ROSPA0097	A1 - Arad - Salonta - Oradea
		Oradea - Timisoara - Stamura Moravita. New link, Rehabilitation at designed speed and electrification. Timisoara - Stamura Moravita sector to pe tested
57	ROSPA0098	Sibiu-Brasov Motorway + Fagaras Bypass



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No. SPA sites	SPA Code	Project description
		Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (testare sector). New link, Rehabilitation at designed speed and electrification
58	ROSPA0099	Brasov - Sighisoara - Tg Mures (DE 3)
		Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
		Targu Mures - Sighisoara - Fagaras EXPRESSWAY (to be tested) + Sighisoara Bypass
		Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
		Sighisoara Bypass
59	ROSPA0100	Constanta-Tulcea-Braila EXPRESSWAY(including Braila Bridge) + Babadag Bypass, Tulcea Bypass, Isaccea Bypass, Macin Bypass
60	ROSPA0102	The common Romanian - Bulgarian Sector – enhancement of navigation conditions
61	ROSPA0103	Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed. Timisoara - Stamora Moravita sector to be tested
62	ROSPA0106	Craiova-Pitesti Motorway + Bals Bypass and Slatina Bypass
		Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
		Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (to be tested). New link, Rehabilitation at designed speed and electrification
		Corabia - Caracal - Dragasani - Rm. Valcea - DE 2
		Dr.Tr.Severin- Tg. Jiu- Rm.Valcea I Pitesti (to be tested)
		Bucuresti-Alexandria-Craiova EXPRESSWAY+ Mihailesti Baypass, Alexandria Baypass, Rosiori Baypass, Caracal Baypass and Craiova Baypass
		Pitesti - Craiova (to be tested) – Automotive line
		Ramnicu Valcea Bypass
63	ROSPA0107	Targu Mures-Pascani EXPRESSWAY + Tg Neamt Bypass
64	ROSPA0108	The common Romanian - Bulgarian Sector – enhancement of navigation conditions
		Giurgiu Bypass
65	ROSPA0109	Botosani -Tg. Frumos (to be tested)
66	ROSPA0110	Suceava-Siret EXPRESSWAY(UA)
67	ROSPA0113	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
68	ROSPA0114	Cluj-Napoca - Oradea via Baia Mare - Satu Mare Rehabilitation at designed speed.
69	ROSPA0115	Cluj-Napoca - Oradea. Electrification
70	ROSPA0116	Suceava-Botosani EXPRESSWAY



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No. SPA sites	SPA Code	Project description
71	ROSPA0117	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
72	ROSPA0119	Faurei - Iasi (to be tested) – railway artery 6 Barlad Bypass
73	ROSPA0121	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed. Bacau-Focsani-Braila-Galati – Giurgiuilesti Expressway (UA si MD) + Bacau Bypass, Adjud Bypass, Braila and Galati Bypass Galati ITM
74	ROSPA0128	A1 - Timisoara - Moravita (SRB) Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed.. Timisoara - Stamora Moravita sector to be tested
75	ROSPA0129	Targu Mures-Pascani Expressway+ Tg Neamt Bypass
76	ROSPA0131	Iacobeni - Borsa - S.Marmatiei - Negresti Oas - DE 4
77	ROSPA0136	The common Romanian - Bulgarian Sector – enhancement of navigation conditions
78	ROSPA0140	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed. Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
79	ROSPA0143	Iacobeni - Borsa - S.Marmatiei - Negresti Oas - DE 4
80	ROSPA0145	Braila - Slobozia - Dranjna (A2) - Calarasi - Chiciu (BG) Fetesti - Faurei (to be tested) – Cereals Line
81	ROSPA0146	Bucuresti-Alexandria-Craiova Expressway+ Mihailesti Bypass, Alexandria, Rosiori Bypass, Caracal Bypass and Craiova Bypass
82	ROSPA0148	Bucuresti-Alexandria-Craiova Expressway+ Mihailesti Bypass, Alexandria Bypass, Rosiori Bypass, Caracal Bypass and Craiova Bypass



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Table no. 35 Lists of SPA sites intersected where is likely to appear a semnificativ impact as a result of the changes proposed by projects included in the development scenario (ES/EES)

No. SPA sites	SPA Code	Project Description
1	ROSPA0030	Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
2	ROSPA0048	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.
		Gaesti-Ploiesti-Buzau-Braila Expressway+ Targoviste Bypass, Mizil Bypass, Ianca Bypass and Gaesti
3	ROSPA0062	Sibiu - Pitesti Motorway + Curtea de Arges Bypass
		Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (to be tested). New link, Rehabilitation at designed speed and electrification
		Brasov-Pitesti + Campulung Bypass, Rucar Bypass and Bran Bypass
4	ROSPA0064	Bacau-Suceava Expressway
5	ROSPA0067	A3 (Oradea) - Carei - Satu Mare - DE 4
		Cluj-Napoca - Oradea via Baia Mare - Satu Mare



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Table no. 36 Lists of SPA sites intersected where is likely to appear a moderate impact as a result of the changes proposed by projects included in the development scenario Core TEN-T (CTT)

No. SCI sites	SCI Code	Project Description
1	ROSCI0005	Faurei - Iasi (to be tested) – railway artery 6
2	ROSCI0010	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
3	ROSCI0013	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
4	ROSCI0019	Targu Mures-Iasi-Ungheni Motorway
		Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
5	ROSCI0020	Cluj-Napoca - Oradea via Baia Mare - Satu Mare
6	ROSCI0021	Cluj-Napoca - Oradea via Baia Mare - Satu Mare
7	ROSCI0025	Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed.. Timisoara - Stamora Moravita sector to be tested
8	ROSCI0039	Craiova-Calafat Motorway
		Craiova - Calafat. Rehabilitation at designed speed
		The common Romanian - Bulgarian Sector – enhancement of navigation conditions
9	ROSCI0040	Campia Turzii - Targu Mures Motorway
10	ROSCI0043	Bucuresti - Giurgiu via Gradistea. Rehabilitation at designed speed.. Electrification
11	ROSCI0044	Port Corabia - modernisation of port infrastructure
		The common Romanian - Bulgarian Sector – enhancement of navigation conditions
12	ROSCI0045	Craiova-Calafat Motorway
		Lugoj – Craiova Motorway
		Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed.
		Craiova - Calafat. Rehabilitation at designed speed.
		The common Romanian - Bulgarian Sector – enhancement of navigation conditions
13	ROSCI0046	Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (testare sector). New link, Rehabilitation at designed speed and electrification
14	ROSCI0049	Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed. Timisoara - Stamora Moravita sector to be tested
15	ROSCI0050	Cluj-Napoca - Oradea. Electrification



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No. SCI sites	SCI Code	Project Description
16	ROSCI0058	Targu Mures-Iasi-Ungheni Motorway
17	ROSCI0062	Cluj-Napoca - Oradea. Electrification
18	ROSCI0063	Filiasi - Simeria (to be tested) – Coal line
19	ROSCI0064	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
20	ROSCI0065	Protection for banks at Sulina Channel
		Sulina Port(to be tested) - modernisation of port infrastructure
21	ROSCI0069	Lugoj – Craiova Motorway
		Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed.
22	ROSCI0070	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
23	ROSCI0085	Sibiu-Pitesti Motorway
		Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (to be tested). New link, Rehabilitation at designed speed and electrification
24	ROSCI0087	Filiasi - Simeria (to be tested) – Coal line
25	ROSCI0088	The common Romanian - Bulgarian Sector – enhancement of navigation conditions
26	ROSCI0103	Ploiesti-Bacau Motorway
		Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ukraine (Siret). Rehabilitation at designed speed.
		Faurei - Iasi (to be tested) – railway artery 6
27	ROSCI0109	Lugoj - Craiova Motorway
		Timisoara - Moravita Motorway
		Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed.
		Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed. Timisoara - Stamora Moravita sector to be tested
28	ROSCI0122	Sibiu-Pitesti Motorway
		Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (to be tested). New link, Rehabilitation at designed speed and electrification.
29	ROSCI0131	Oltenita Port - modernisation of port infrastructure
		The common Romanian - Bulgarian Sector – enhancement of navigation conditions
30	ROSCI0132	Sibiu-Pitesti Motorway
		Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (to be tested). New link, Rehabilitation at designed speed and electrification



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No. SCI sites	SCI Code	Project Description
		Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
31	ROSCI0135	Faurei - Iasi (to be tested) - railway artery 6
32	ROSCI0158	Faurei - Iasi (to be tested) - railway artery 6
33	ROSCI0162	Ploiesti-Bacau Motorway
		Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.
		Faurei - Iasi (to be tested) - railway artery 6
34	ROSCI0192	Cluj-Napoca - Oradea via Baia Mare - Satu Mare
35	ROSCI0195	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
36	ROSCI0202	Craiova-Calafat Motorway
37	ROSCI0206	Lugoj – Craiova Motorway
		Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
		Orsova Port - modernisation of port infrastructure
38	ROSCI0207	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
39	ROSCI0213	Autostrada Targu Mures-Iasi-Ungheni
		Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
40	ROSCI0221	Targu Mures-Iasi-Ungheni Motorway
		Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.
		Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
41	ROSCI0224	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.
		Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
42	ROSCI0226	Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
43	ROSCI0227	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
44	ROSCI0231	Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed. Timisoara - Stamora Moravita sector to be tested
45	ROSCI0236	Filiasi - Simeria (to be tested) – Coal line
		Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
46	ROSCI0238	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.



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No. SCI sites	SCI Code	Project Description
47	ROSCI0253	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
		Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
48	ROSCI0259	Fetesti - Faurei (to be tested) – Cereals Line
49	ROSCI0265	Targu Mures-Iasi-Ungheni Motorway
50	ROSCI0266	Pitesti - Craiova (to be tested) – Automotive line
51	ROSCI0270	Targu Mures-Iasi-Ungheni Motroway
52	ROSCI0275	Cluj-Napoca - Oradea via Baia Mare - Satu Mare
53	ROSCI0277	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
		Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed. Timisoara - Stamora Moravita sector to be tested
54	ROSCI0279	Targu Mures-Iasi-Ungheni Motorway
55	ROSCI0290	Ploiesti-Bacau Motorway
		Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.
		Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
		Fetesti - Faurei (to be tested) – Cereals Line
56	ROSCI0292	Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
57	ROSCI0295	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
		Cluj-Napoca - Oradea via Baia Mare - Satu Mare
58	ROSCI0297	Targu Mures-Iasi-Ungheni Motorway
		Touristic Line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
59	ROSCI0299	Craiova-Calafat Motorway
		Drobeta – Calafat Motorway
		The common Romanian - Bulgarian Sector – enhancement of navigation conditions
60	ROSCI0303	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
61	ROSCI0304	Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (testare sector). New linke, Rehabilitation at designed speed and electrification.
		Touristic Line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
62	ROSCI0305	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.



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No. SCI sites	SCI Code	Project Description
63	ROSCI0310	Bacau-Suceava-Siret Motorway
64	ROSCI0314	Cluj-Napoca - Oradea via Baia Mare - Satu Mare
65	ROSCI0320	Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
66	ROSCI0321	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
67	ROSCI0328	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
68	ROSCI0329	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
		Feldioara ITM (Brasov County) - to be tested
69	ROSCI0330	Faurei - Iasi (to be tested) - railway artery 6
70	ROSCI0341	Pitesti - Craiova (to be tested) – Automotive line
71	ROSCI0360	Faurei - Iasi (to be tested) – railway artery 6
72	ROSCI0363	Bacau-Suceava-Siret Motorway
		Targu Mures-Iasi-Ungheni Motorway
73	ROSCI0364	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.
74	ROSCI0365	Bacau-Suceava-Siret Motorway
		Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
75	ROSCI0366	Lugoj – Craiova Motorway
		Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
76	ROSCI0367	Campia Turzii - Targu Mures Motorway
		Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
77	ROSCI0369	Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
78	ROSCI0370	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
79	ROSCI0373	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
80	ROSCI0376	Bucuresti-Alexandria-Craiova Motorway
		Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
81	ROSCI0378	Targu Mures-Iasi-Ungheni Motorway
		Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.



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No. SCI sites	SCI Code	Project Description
		Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
82	ROSCI0379	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.
83	ROSCI0380	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed. Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
84	ROSCI0382	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
85	ROSCI0383	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
86	ROSCI0385	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed Touristic Line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
87	ROSCI0386	Bucuresti-Alexandria-Craiova Motorway Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
88	ROSCI0393	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
89	ROSCI0394	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi Cluj-Napoca - Oradea via Baia Mare - Satu Mare
90	ROSCI0400	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
91	ROSCI0403	Drobeta – Calafat Motorway
92	ROSCI0407	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.

Table no. 37 Lists of SCI sites intersected where is likely to appear a semnificative impact as a result of the changes proposed by projects included in the development scenario Core TEN-T (CTT)

No. SCI sites	SCI code	Project Description
1	ROSCI0082	Bacau-Suceava-Siret Motorway
2	ROSCI0101	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
3	ROSCI0147	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
4	ROSCI0160	Targu Mures-Iasi-Ungheni Motorway
5	ROSCI0232	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
6	ROSCI0284	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed



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ROSCI0368

Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)



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Table no. 38 Lists of SPA sites intersected where is likely to appear a moderate impact as a result of the changes proposed by projects included in the development scenario Core TEN-T (CTT)

No SPA sites	SPA Code	Project Description
1	ROSPA0004	Faurei - Iasi (to be tested) - railway artery 6
2	ROSPA0006	Fetesti - Faurei (to be tested) – Cereals line
3	ROSPA0011	Drobeta – Calafat Motorway
4	ROSPA0013	The common Romanian - Bulgarian Sector – enhancement of navigation conditions
5	ROSPA0015	Oradea - Timisoara - Stamura Moravita. Rehabilitation at designed speed. Timisoara - Stamura Moravita sector to be tested
6	ROSPA0016	Cluj-Napoca - Oradea via Baia Mare - Satu Mare
7	ROSPA0021	The common Romanian - Bulgarian Sector – enhancement of navigation conditions
8	ROSPA0022	Bucuresti - Giurgiu via Gradistea. Rehabilitation at designed speed. Electrification
9	ROSPA0023	Craiova-Calafat Motorway
		Craiova - Calafat. Rehabilitation at designed speed.
		The common Romanian - Bulgarian Sector – enhancement of navigation conditions
10	ROSPA0024	The common Romanian - Bulgarian Sector – enhancement of navigation conditions
11	ROSPA0025	Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (to be tested). New link, Rehabilitation at designed speed and electrification
12	ROSPA0026	Lugoj – Craiova Motorway
		Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
		Orsova Port - modernisation of port infrastructure
13	ROSPA0027	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
14	ROSPA0028	Targu Mures-Iasi-Ungheni Motorway
		Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
15	ROSPA0029	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
16	ROSPA0031	Protection for banks at Sulina Channel
17	ROSPA0033	Targu Mures-Iasi-Ungheni Motorway



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No SPA sites	SPA Code	Project Description
18	ROSPA0035	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
19	ROSPA0037	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
20	ROSPA0038	Oltenita Port - modernisation of port infrastructure
		The common Romanian - Bulgarian Sector – enhancement of navigation conditions
21	ROSPA0041	Campia Turzii - Targu Mures Motorway
		Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
22	ROSPA0043	Sibiu-Pitesti Motorway
		Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (to be tested). New link, Rehabilitation at designed speed and electrification.
23	ROSPA0045	Filiasi - Simeria (to be tested) – Coal Line
24	ROSPA0047	Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
		Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed. De retestat Timisoara - Stamora Moravita
25	ROSPA0063	Ploiesti-Bacau Motorway
		Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.
26	ROSPA0071	Ploiesti-Bacau Motorway
		Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.
		Faurei - Iasi (to be tested) – railway artery 6
27	ROSPA0072	Bacau-Suceava-Siret Motorway
		Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.
28	ROSPA0074	Craiova-Calafat Motorway
		Drobeta - Calafat Motorway
		The common Romanian - Bulgarian Sector – enhancement of navigation conditions
29	ROSPA0080	Lugoj – Craiova Motorway
		Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
		Orsova Port - modernisation of port infrastructure
		Moldova Veche Port - modernisation of port infrastructure
30	ROSPA0082	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.



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No SPA sites	SPA Code	Project Description
31	ROSPA0086	Touristic Line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
32	ROSPA0087	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
		Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
33	ROSPA0089	Cluj-Napoca - Dej - Salva - Vatra Dornei - Suceava - Iasi
34	ROSPA0090	The common Romanian - Bulgarian Sector – enhancement of navigation conditions
35	ROSPA0092	Faurei - Iasi (to be tested) - railway artery 6
36	ROSPA0097	Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed. De retestat Timisoara - Stamora Moravita
37	ROSPA0098	Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (testare sector). New line, Rehabilitation at designed speed and electrification
38	ROSPA0099	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
		Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
39	ROSPA0102	The common Romanian - Bulgarian Sector – enhancement of navigation conditions
40	ROSPA0103	Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed. Timisoara - Stamora Moravita sector to be tested
41	ROSPA0106	Bucuresti-Alexandria-Craiova Motorway
		Bucuresti - Arad via Craiova and Timisoara. Rehabilitation at designed speed
		Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (testare sector). New line, Rehabilitation at designed speed and electrification.
		Pitesti - Craiova (to be tested) – Automotive Line
42	ROSPA0107	Targu Mures-Iasi-Ungheni Motorway
43	ROSPA0108	The common Romanian - Bulgarian Sector – enhancement of navigation conditions
44	ROSPA0110	Bacau-Suceava-Siret Motorway
45	ROSPA0113	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
46	ROSPA0114	Cluj-Napoca - Oradea via Baia Mare - Satu Mare
47	ROSPA0115	Cluj-Napoca - Oradea. Electrification
48	ROSPA0117	Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
49	ROSPA0119	Faurei - Iasi (to be tested) - railway artery 6
50	ROSPA0121	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.
		Galati IMT



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No SPA sites	SPA Code	Project Description
51	ROSPA0128	Timisoara – Moravita Motorway
		Oradea - Timisoara - Stamora Moravita. Rehabilitation at designed speed. Timisoara - Stamora Moravita sector to be tested
52	ROSPA0129	Targu Mures-Iasi-Ungheni Motorway
53	ROSPA0136	The common Romanian - Bulgarian Sector – enhancement of navigation conditions
54	ROSPA0140	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.
		Bucuresti - Ungaria via Brasov + Teius - Cluj. Rehabilitation at designed speed.
55	ROSPA0145	Fetesti - Faurei (to be tested) – Cereals line
56	ROSPA0146	Bucuresti-Alexandria-Craiova Motorway
57	ROSPA0148	Bucuresti-Alexandria-Craiova Motorway



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Table no. 39 Lists of SPA sites intersected where is likely to appear a semnificativ impact as a result of the changes proposed by projects included in the development scenario Core TEN-T (CTT)

No. SPA istes	SPA Code	Project Description
1	ROSPA0030	Touristic line: Oravita - Anina, Turda - Abrud, Ludus - Magherus, Caransebes - Subcetate, Tg. Mures - Baile Sovata, Sibiu - Agnita (to be tested)
2	ROSPA0048	Bucuresti - Iasi via Bacau + Buzau - Galati + Pascani - Ucraina (Siret). Rehabilitation at designed speed.
3	ROSPA0062	Sibiu-Pitesti Motorway
		Bucuresti - Sibiu via Pitesti and Ramnicu Valcea + Sibiu - Vintu de Jos (to be tested). New line, Rehabilitation at designed speed and electrification.
4	ROSPA0064	Bacau-Suceava-Siret Motorway
5	ROSPA0067	Cluj-Napoca - Oradea via Baia Mare - Satu Mare