

Transport Sector

Section 2 Identified mature projects									
Project title (sector included) TRANSPORT	Project brief description (location included)	Project Stage* (Maturity) (details)	Project duration(preparation+ implementation)	Total investment cost (€)	Grant/Source (€)	Loan/Source (€)	National Co-financing	SR Score	
1	Construction of the rail section Beljakovce-border with R. Bulgaria	This project consists of construction works for completing of the railway network in the Corridor VIII, eastern section, between Republic of Macedonia and Republic of Bulgaria.	3	2019-2023	400.000.000 €	IPA II	EBRD other IFIs	To be defined (TBD)	100
2	Rehabilitation of road section Kumanovo-Rankovce (Stracin)	Rehabilitation of road section A2 Kumanovo -Rankovce with length of 31.5 km, on Corridor VIII.	3	2019-2021	15.000.000 €	IPA II (part 1 of the whole section)		TBD	100
3	Construction of road section Skopje- Kosovo border	Construction of road section A4 Skopje- Kosovo border, a part of Route 6A of the SEETO comprehensive network	2	2019-2021	106.000.000 €		EBRD		73.8
4	Construction of Joint Border Station Tabanovce	Constructed rail border facilities for the Macedonian and Serbian joint border control	2	2019-2021	10.000.000 €	WB6	EBRD		97.2
5	Reconstruction of road section from KrivaPalanka to Deve Bair	Rehabilitation and reconstruction of national road KrivaPalanka – border crossing Deve Bair, Republic of Bulgaria, part of Corridor VIII	3	2019-2021	12.000.000 €	WB6	EBRD		95.4
6	Construction of road section Gostivar-Kicevo	Construction of road section A2 Gostivar- Kicevo with length of 44.4 km on Corridor VIII, western section. Construction works are to be divided in 3 sections: 1- KicevoBukojcani, 2- GostivarGornaGjonovica and 3- Bukojcani- GornaGjonovica.	2	2019-2021	280.000.000 €	Phase1, Kicevo-Bukojcani :WB6	EBRD / other IFIs	TBD	56.5
7	Rehabilitation of road section Prilep- Raec Bridge	Reconstruction and widening of road section A1 Prilep-Raec Bridge, on Corridor X-d.	3	2019-2020	8.000.000 €	IPA II		TBD	99.6

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8	Rehabilitation of road section Gevgelija-Greece border (Bogorodica)	Rehabilitation of road section in the north central-region of the country and it is a section that connects Macedonia with Greece, along Corridor X (right carriageway)	2	2020	500.000 €				91.4
9	Rehabilitation/reconstruction of the rail section Kumanovo-Deljadrovoce	Rehabilitated/reconstructed around 14km of railway line along the Corridor X	2		50.000.000 €				90
10	Rehabilitation of road section A1 Medzitlija (Greece Border) - Interchange Krklino	Rehabilitation of road section A3 Medzitlija (Greece Border) - Interchange Krklino with length of 20.4 km, on Corridor X-d.	2	2019	1.940.000 €				87
11	Rehabilitation of road Interchange Krklino-Prilep	Rehabilitation of road section A3 on Corridor X-d.	2	2019	2.850.000 €				87
12	Rehabilitation of road section Gradsko-Negotino	Rehabilitated road section A1 Gradsko - Negotino with length of 17.7 km, on Corridor X.	2	2020-2021	4.440.000 €				83.9
13	Rehabilitation of road section A1, Veles - Gradsko	Rehabilitation of road section A1 Veles - Gradsko with length of 18.3 km, on Corridor X.	2	2019-2020	4.590.000 €				83.9
14	Rehabilitation of road section Skopje-Tetovo	Rehabilitation of road section M4 Skopje - Tetovo with length of 39.7 km, on Corridor VIII.	2	2019-2020	9.930.000 €				83.7

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15	Rehabilitation of 19 road sections	Rehabilitation of carriageway (one or both carriageways) Motorway Katlanovo – Petrovec Regional road MavroviAnovi – Zirovnica Motorway Miladinovci – Petrovec Motorway Miladinovci – Hipodrom Motorway Hipodrom - Miladinovci National road FariskaKlisura – Prilep Regional road Krivogastani – Krusevo Regional road Karpalak – Zelino National road Skopje – Blace National road Podmolje – Struga – Kjafasan National road Bitola – border with Greece Regional road Bitola – Demir Hisar Regional road Krusevo – Demir Hisar Regional road Katlanovo – Veles Regional road Gradsko-Negotino-Demir Kapija Regional road Drugovo – Demir Hisar Regional road MakedonskaKamenica – Sasa Regional road Kicevo – MakedonskiBrod Regional road Uzem - Toranica	2	2018-2020	65.500.000 €	EBRD			79.1
16	Construction and supply of ITS on Corridor X	Constructed and supplied of ITS on Corridor X with length of 179 km.	2		38.000.000 €				76.6
17	Reconstruction and rehabilitation of road section Tetovo-Gostivar	Reconstruction and rehabilitation of road section A2 Tetovo - Gostivar with length of 22.4 km, on Corridor X.	1	2019-2022	32.000.000				75.2
18	Construction works of the railway section Kicevo–Border with Albania	Construction of railway section on Corridor VIII, western section, from Kicevo – border with Albania with length of 62 km	3		500.000.000 €				74
19	Construction of state road A3, by pass Resen	Construction of state road A3, interchange Resen with length of 8.5km	1	2019-2021	11.000.000 €				69.6
20	Construction, reconstruction and rehabilitation of state road Strumica – Valandovo connection with A1	Construction, reconstruction and rehabilitation of state road Strumica – Valandovo connection with A1, with length of 25 km	1	2019-2021	15.000.000 €				69.5

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21	Construction of expressway Bitola – Medzitlija, with interchange Bitola	Construction of expressway Bitola – Medzitlija with interchange Bitola, with length of 20.0 km	1	2019-2020	50.000.000 €				68.3
22	Modernization and electronic tolls in the Republic of Macedonia (II phase)	The project consists of modernization of 5 existing and construction of 3 new tolls on Corridor VIII and new Motorway Miladinovci – Sveti Nikole – Stip.	1	2019-2021	13.000.000 €		EBRD	TBD	67.5
23	Construction of motorway Bitola - Prilep	Construction of motorway Bitola – Prilep, with length of 36 km	1	2019-2022	130.000.000 €				62.9
24	Construction of railway section along the corridor X Dracevo–Veles	Construction of railway section along the Corridor X, Dracevo – Veles with length of 38,7 km	2		550.000.000 €				57.2
25	Construction of road section Struga- Kjafasan	Construction of road section Stuga - Kjafasan with length of 13.05km, part of Corridor VIII	1	2020-2021	80.000.000 €				55
26	Construction of road section Trebeniste-Struga	Construction of road section Trebeniste - Stuga with length of 8km, part of Corridor VIII	1	2020-2021	45.000.000 €				52.1
27	Construction of motorway Veles - Prilep	Construction of motorway Veles – Prilep with length of 57 km	1	2020-2022	295.000.000 €				51

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Section 1 On-going projects (in implementation phase)							
Nr.	Project title (sector included) TRANSPORT	Project brief description (location included)	Project duration (preparation+ implementation)	Total investment cost (€)	Grant/ Source	Loan/ Source	National Co- financing
1	Construction of motorway Miladinovci (Skopje) - Stip	The length of the road section is 46 km.	2014-2018	206.000.000 €		EXIM bank	PESR
2	Construction of motorway Kicevo-Ohrid	The length of the road is 57 km and is part of Corridor VIII.	2014-2021	374.000.000 €		EXIM bank	PESR
3	Rehabilitation of road section Negotino-Demir Kapija	The rehabilitation of the section is in a total length of 8.8 km and is part of Corridor X	2016-2018	4.970.000 €			PESR
4	Construction of express road Stip-Radovis	The road section is in a length of 23.5 km.	2018-2021	28.020.000 €		EBRD	
5	Construction of express road Stip-Krupiste-Kocani	The road section is divided in two sections with total length of 28 km.	2017-2020	40.000.000 €		EBRD	
6	Construction of the road section Drenovo-Interchange Gradsko	Construction of an express road in a total length of 15.5 km as part of branch X-D of Corridor X	2018-2020	23.000.000 €		IPA II	15% National budget
7	Construction of express road Raec bridge-Drenovo (Faris gorge-Drenovo gorge)	Construction of an express road in a total length of 10 km as part of branch X-D of Corridor X	2016-2018	31.800.000 €		EBRD	
8	Rehabilitation of road section Kocani (Prevalec) – Makedonska Kamenica - Delcevo	The rehabilitation of the section is in a total length of 30 km.	2018	6.000.000 €		WB	
9	Construction of express way Kumanovo – border with Bulgaria (section Rankovci – KrivaPalanka)	The total length of the section is 23 km.	2018-2021	58.500.000 €		WB	
10	Rehabilitation of regional road Matejce – Lipkovo	The road is with total length is 3.30 km.	2017-2019	1.113.000 €			PESR
11	Rehabilitation of state road A2 section Gostivar-Kolari	The length of the section being rehabilitated is 28.5 km.	2017-2018	4.070.000 €			PESR
12	Rehabilitation of 5 bridges on state road A2 section Gostivar-Kolari	5 bridges on the state road are being rehabilitated.	2017-2018	2.230.000 €			PESR
13	Rehabilitation of state road A2 section Saraj-Grupcin	The total length of the rehabilitated section is 20 km.	2018	1.145.000 €			PESR
14	Rehabilitation of state road R1211, section Bitola-Novaci	The total length of the rehabilitated section is 10 km.	2017-2018	1.000.000 €			
15	Rehabilitation works on bridge 1 near Udovo on road R1105	A bridge over the river Vardar is being rehabilitated.	2017-2018	1.500.000 €			PESR

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16	Construction of a bridge near Konjare (Petrovec) on state road R2136	A bridge is being constructed over the river Pcinja.	2017-2018	1.100.000 €			PESR
17	Rehabilitation of 12 (twelve) road sections	<p>The project includes rehabilitation of the following sections:</p> <ol style="list-style-type: none"> 1. Regional road P1207, MladoNagorichane - border Pelince, length 19 km 2. State road A3e, Delcevo - Zvegor, length 5 km 3. State road A4, Strumica - Novo Selo - MK / BG border, length 20 km 4. Regional road P1106, Jurumleri - Drachevo, length 5 km 5. Regional road P1107, Kavadarci - Rosoman, length 11 km 6. Regional road P1109, Dedeli - Furka - Bogdanci - Gevgelija, length 24 km 7. Regional road P1204, Kumanovo - Sveti Nikole, length 25 km 8. Regional road P1209, Tetovo - Popova Shapka, length 15 km 9. Regional road P1302, Delcevo - Pehcevo, length 15 km 10. Regional road P1304, Berovo - Vinica, length 7 km 11. Regional road P1305, Bitola - Demir Hisar, length 10 km 12. Regional road R2131, Drachevo - Oreshani - Taor, length 10 km 	2018-2019	14.000.000 €		WB	
18	Rehabilitation and reconstruction of 7 road sections	<p>The project includes the following road sections:</p> <p>Lot 1 Rehabilitation of the main road A3, the Kocani bend L = 6km</p> <p>Lot 2 Rehabilitation and Reconstruction of the regional road P1205, section Probistip - Krupiste L = 18km</p> <p>Lot 3 Rehabilitation of the regional road R2133, section Kumanovo - Opae L = 6km</p> <p>Lot 4 Rehabilitation of regional road R1104, section Kumanovo - Nikustak L = 11km</p> <p>Lot 5 Rehabilitation of regional road P1204, section Kumanovo - Sveti Nikole L = 32km</p> <p>Lot 6 Rehabilitation of main road A2, section Rankovce - KrivaPalanka L = 21km</p> <p>Lot 7 Rehabilitation of the main road A4, section Stip - Radovish L = 21km</p>	2018-2019	22.000.000 €		EBRD	
19	Rehabilitation of 16 road sections	<p>Rehabilitation of 16 road sections</p> <p>Radovis – Podares R1310</p> <p>Kavadarci R1107</p> <p>Kocani – Ponikva R1309</p> <p>Podmolje – Ohrid R1208</p> <p>Trkanje – Pisica R2342</p> <p>Negorci – Gevgelija R1102</p> <p>Berovo – Klepalo R1310</p> <p>Zletovo – Probistio R2232</p> <p>Ohrid R1301</p> <p>Podmolje – Radozda R1208</p> <p>Prilep – Prilepsko lake R1312</p> <p>Kadrifakovo – Stip R1204</p> <p>Bitola and sanation of ladslide second phase A3</p> <p>Stajkovci – Mirkovci A2</p> <p>Veles – Gradsko – Veles A1</p> <p>Kolari – Kicevo A2</p>	2018-2019	18.000.000 €			PESR

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20	Modernization and electronic tolls in the Republic of Macedonia	The project consists of modernization of 5 existing and construction of 2 new tolls on Corridor X.	2014-2016	15.800.000 €		EBRD	PESR (VAT of 2.8 m EUR)
21	Construction and reconstruction of railway section Kumanovo-Bejakovce	The length of the section is 31 km and is part of rail Corridor VIII.	2014-2019	50.600.000 €	WBIF	EBRD	
22	Construction of new and reconstruction of existing railway section Beljakovce-KrivaPalanka	The length of the section is 34 km and is part of rail Corridor VIII.	2018-2023	150.500.000 €	WBIF	EBRD	
23	Repair of rail tracks on section Nogaevci (Veles) – Gradsko - Negotino	Repair on the rail tracks on the section which is part of rail Corridor X in a length of 30 km.	2019	9.400.000 €		EBRD	
24	Renewal of rail fleet of JSC Macedonian railways transport	The project is related to production and supply of 4 new electro locomotives.	2016-2019	7.000.000 €		EBRD	
25	Introducing energy management information system (EMIS)	The project is targeted on definition of hardware components and future production and supply of equipment for installation in the trains.	2017-2019	885.000 €		EBRD	
26	Preparation of project documentation for construction of the Railway Joint Border Station between the Republic of Macedonia and Serbia, rail Corridor X	Project documentation	2017-2018		WBIF		

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Section 3 non-mature projects (project documentation, strategic documents)									
Other identified PROJECTS									
1.	Preparation of Project documentation for GSMR-ECTS, level 1, on Corridor X	Project documentation WBIF approved grant funding in amount of 800.000 eur (300.000 for GSMR and 500.000 for ETCS, level 1) for preparation of Pre-feasibility study. The system should be implemented along the Corridor's rail network in the Republic of Macedonia until 2030.					WBIF		
2.	Preparation of project documentation (FS with PD and DD) for the rail section Veles-Bitola, Corridor X-d	Project documentation							
3.	Preparation of project documentation (FS with PD and DD) for the rail section Skopje-Kicevo, Corridor VIII	Project documentation WBIF approved grant funding in amount of 300.000 eur for preparation of Pre-feasibility study.					WBIF		
4.	Project documentation for signaling and telecommunications systems on the rail network	Project documentation							
5.	Preparation of project documentation for the rail section Negotino-Miravci Corridor X	Project documentation							
6.	Preparation of project documentation for the railway section of Corridor X, Smokvica-Gevgelija	Project documentation							
7.	Preparation of project documentation for multimodal node Trubarevo	Project documentation					IPA II		
8.	Preparation of project documentation for cycle pads in selected cities in Macedonia	Project documentation					IPA II		
9.	Preparation of Urban mobility plan for Skopje	Strategic document					IPA II		

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10.	Preparation of Transport Master Plan for the Republic of Macedonia	Strategic document					IPA II		
11.	Preparation of design documentation for improvement of road safety on the road network	Project documentation					IPA II		
12.	Replacement of safety fences according to EN standards on 100km motorway on Corridor X	Project documentation					IPA II		
13.	Preparation of project documentation for rehabilitation/reconstruction/upgrade and supply and installation of signalization on the railway level crossings	Project documentation/construction					IPA II		
14.	Preparation of ITS strategy for the transport sector in the Republic of Macedonia	Strategic document							
15.	Preparation of project documentation (FS, PD, EIA and DD) for improvement and upgrade of the rail Corridor X in accordance with TEN-T standards	Project documentation							
16.	Preparation of National Aviation Strategy	Strategic document					IPA II		
17.	Project for improvement of the local road network						WB		

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Nr. crt	Project title(sector included)	Project brief description(location included)	Project Stage* (Maturity) (details)	Project duration (preparation+ implementation)	Total investment cost (€)	Grant/ Source (€)	Loan/ Source (€)	national co-financing	SR Score
1	Interconnection (South West of Macedonia) Bitola (Macedonia)– Elbasan(Albania),the Republic of Macedonia's part and 400/110kVSS Ohrid	The new 400 kV interconnections a part of the corridor East–West, enables direct connection of the power systems of Republic of Macedonia and Albania and improves the connection of Albanian power system with the region. As a result, the regional dispatch in energy between power systems of Republic of Macedonia and Albania and the Balkan countries more widely, will be improved leading to market expansion and enhanced supply stability. The components aimed to be supported via the grant will ensure that this is done in an energy efficient way and using the best available technologies. The introduction of smart grid components in the project will facilitate the upgrading of are mote monitoring and control system(SCADA) in the network, the inclusion of hardware and associated software to improve energy for ecasting and load dispatch for renewable power plants and the introduction of more sophisticated automated and response mechanisms in meeting requirements for balancing and ancillary services.	3Mature	2018-2020 (construction)	49.000.000	12.000.000	37.000.000	0	4.48
2	Gas Interconnection Republic of Macedonia – Greece	The main purpose of the construction of this main gas pipeline section arises from the strategic commitment of the Government of the Republic of Macedonia in order to achieve higher level of overall functionality of the energy system in the country and to provide conditions for significantly greater infrastructural and economic integration with the neighbouring and the remaining European countries.	3 Mature	2018-2020	70.000.000	20% trough WBIF	50% from EIB	30% from the budget of the Republic of Macedonia	2.99
3	Wind Park Bogdanci-2 nd phase	Increasing of the domestic electricity generation Taking into account available financial resources, it was agreed to install the wind park Bogdanci in two phases: the first phase with 36.8 MW (16x2,3MW) and an annual net production of 100 GWh (already completed and in operation) and a second phase with the remaining 13.8 MW and an additional net production of 37 GWh out of total 50MW designed installed capacity.	3Mature	2016-2017 construction period	21.000.000		18.000.000 (kFW)	3.000.000 (ELEM)	2.85
4.	Wind park Miravci I	The Miravci wind park will consist of 12-15 wind turbines, eachwith a nominal power of 3 - 4 MW, which would result in total installed powerof about 50 MW and nominal annual electricity production of about140 GWh. In addition, the park includes the construction of access roads, platforms, 20kV cable network, transformer station, OHTL and power system connection (transmission ordistributive network).The location of the Miravci wind power plant is located on the southern part of thethe Demir Kapija gorge, at an altitude of 390 - 700 m and is characterized bylow vegetation and relatively rough terrain.	1Not mature		21.000.000		18.000.000	3.000.000 (ELEM)	2.84

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5.	Photovoltaic power plant Oslomej	<p>TPP Oslomej consists of one unit with total installed capacity of 125 MW, commissioned 1980. This power plant used local lignite from the mine Oslomej-Istok and Oslomej-Zapad (Kicevo Basin) where available coal reserves are almost depleted.</p> <p>On the other side, in order to balance the environmental effects of open mining, the mined-out land of the exhausted coal mine should be restored to its pre-mined condition. As the mined land gets degraded this land can be used to construct infrastructure for generating electricity from photovoltaics.</p>	1 NotMature	2018 construction year	7.000.000	4.000.000	3.000.000 (ELEM)	2.84
6..	Modernization and rehabilitation of REK Bitola phase III – reduction of SOx and dust, expanded to include the impact of all harmful substances released from REK Bitola	<p>Reduction of SOx and dust, expanded to include the impact of all harmful substances released from REK Bitola.</p> <p>In the past years EU Directives are with extremely tapered criteria to limit air emissions from large combustion plants. TPP Bitola as biggest combustion plant in R.Macedonia was obliged and has started with realization of action plan for adjustment with EU Directives and National legislation treating environmental issues.</p>	3 Mature	2021-2023 construction period	140.000.000	85% loan	15 % (ELEM)	2.80
7.	<p>Main gas pipeline sections:</p> <ul style="list-style-type: none"> • Sveti Nikole-Veles • Branch to Gevgelija • Branch to TPP Negotino • Branches to technological industrial development zones along to the main pipelines 	<p>The main purpose of the construction of this main gas pipeline section arises from the strategic commitment of the Government of the Republic of Macedonia in order to achieve higher level of overall functionality of the energy system in the country and to provide conditions for significantly greater infrastructural and economic integration with the neighboring and the remaining European countries.</p>	3 mature	2019-2023	30.000.000		* no sources of funds are defined	2.78
8.	Gas distribution in Republic of Macedonia	<p>The main purpose of the construction of this main gas pipeline section arises from the strategic commitment of the Government of the Republic of Macedonia in order to achieve higher level of overall functionality of the energy system in the country and to provide conditions for significantly greater infrastructural and economic integration with the neighbouring and the remaining European countries. This project will ensure the diversification of energy sources to house holds and competition to the industry</p>	3 Mature	2018-2019	149.000.000			2.78

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9.	Revitalization/reconstruction of 110kV Transmission lines	<p>The process of aging transmission lines has a significant impact on the operation of the system and network planning. Confidential and older transmission lines may jeopardize the confidentiality and security of the overall system. An important issue for MEPSO is selection of optimal moment for revitalization or reconstruction of transmission lines due to observance of a sufficient level of reliability and security of the system.</p> <p>Transmission over head lines aging during their operation .Transmission lines have a life span. It is expected that transmission lines operating in line with the declared characteristics during their life time, without significant number of errors and problems. Transmission lines life can change in a wide range due to various factors of influence such as climate conditions, driving conditions or factory properties.</p>	1 Not mature	2017-2030 construction period	<p><u>2017-2021:</u> 21.180.000</p> <p><u>2022-2025:</u> 2.160.000</p> <p><u>2026-2030:</u> 19.681.000</p> <p>43.021.000</p>	0	<p><u>2017-2021:</u> 12.880.000</p> <p><u>2022-2025:</u> ?</p> <p><u>2026-2030:</u> ?</p>	<p><u>2017-2021:</u> 8.300.000</p> <p><u>2022-2025:</u> ?</p> <p><u>2026-2030:</u> ?</p>	2.43
10.	Hydropower Plant Cebren	<p>The partition place Cebren is located at the River Crna Reka, 81 km upstream from its inflow in the River Vardar, near the village Manastir and about 7 km upstream of the Bridge Rasimbegov (Rasimbegov Most), in the canyon part of Crna Reka.</p> <p>On this part there is already constructed HPP Tikves with regular accumulation level of 265,00 meters above the sea level, while for the remaining canyon part of Crna Reka there are analyzed several variant solutions for its energetic utilization, while in the preceding study phase of designing, it is accepted to be constructed two dam hydro power plants with significant accumulation space and they are: HPP Galiste with regular accumulation level of 392,00 meters above the sea level HPP Cebren with regular accumulation level of 565,00 meters above the sea level.</p>	2 not mature (pre-feasibility)		562.000.000	WBIF TA			2.41
11.	COAL MINE ZIVOJNO (Zivojno-Bitola)	<p>Deposit "Zivojno" is the third main coal deposit in Pelagonia region and it is located approximately 35 km southeast of town Bitola to the border between Republic of Macedonia and Greece or 20 km from mine Suvodol and it is extension of mine Brod-Gneotino (cca 4 km from Brod-Gneotino). It is expanded to the border line with Republic of Greece on south, village Zivojno on east, village Germian on west, to the river Crna on north and spreads over an area of cca 25,0 km². The deposit is represented by hydro geological complex with specific characteristics of the terrain. The thickness of the main coal seam has continuous spreading throughout the entire deposit and varies between 0,4÷8 metres. The depth at which is situated is variable and starts from 33 meters to 195 meters (depending on the relief on the surface above the coal seam).</p>	3 mature		103.500.000				2.26

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12.	400/110kV substation Kumanovo	The location of the substation should be in the eastern part of the wider city Kumanovo where will be location of the new 110/20kV SS Kumanovo3. In fact, the new SS Kumanovo3 should become a 400/110 kV station. The connection of SS 400/110kV Kumanovo can be realized with the input/output of the new inter connection SS Stip- SS Vranje (Serbia). In the first phase will be installed 400/110kV transformer with a rated power of 300MVA. When selecting micro location of the new substation in Kumanovo should decide the outcome of 110kV lines connected to the transformer station which will reach a new reconfiguration of the local 110kV grid.	1 Not mature	2027-2030 construction period	12.375.000				2.16
13.	Gas Interconnection Republic of Macedonia – Republic of Albania	The main purpose of the construction of this main gas pipeline section arises from the strategic commitment of the Government of the Republic of Macedonia in order to achieve a higher level of overall functionality of the energy system in the country and to provide conditions for significantly greater infrastructural and economic integration with the neighbouring and the remaining European countries. This project will ensure the diversification of natural gas sources and supply routes and the liberalization of South-eastern Europe's energy market. Allowing access to energy fuel on the territory around Ohrid and possibility for interconnection with TAP.	3 mature	2020-2022	14.000.000				1.75
14.	Gas Interconnector Serbia- Macedonia	Natural gas diversification i.e. natural gas supply of other sources in the Republic of Macedonia and possibility for transit of natural gas from Greece through Macedonia to Serbia. Infrastructure project for the section Klechovce-Sopot (border with Serbia) was prepared for the gas interconnection Republic of Macedonia - Serbia. The general description is enclosed as Executive summary of the Feasibility Study for gas supply system in the Republic of Macedonia with preliminary design.	3 mature	2019-2021	14.000.000			* no sources of funds are defined	1.70
15.	Gas Interconnection Republic of Macedonia – Kosovo	The main purpose of the construction of this main gas pipeline section arises from the strategic commitment of the Government of the Republic of Macedonia in order to achieve a higher level of overall functionality of the energy system in the country and to provide conditions for significantly greater infrastructural and economic integration with the neighbouring and the remaining European countries.	3 mature	2019-2022	9.000.000				1.60

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16.	Gas Interconnection Republic of Macedonia – Republic of Bulgaria	<p>This project will ensure the diversification of natural gas sources and supply routes and the liberalization of Southeastern Europe's energy market.</p> <p>The general description is enclosed as Executive summary of the Feasibility Study for gas supply system in the Republic of Macedonia with preliminary design.</p> <p>Within the main gas pipeline of Section Hamzali-Novo Selo(border with Bulgaria) the following objects and systems are included:</p> <p>-Line part in length of 25 km with pipe diameter Ø711 mm (DN 700) (28”),</p>	3 mature	2020-2021	17.500.000			* no sources of funds are defined	1.60
17.	DISTRICT HEATING IN BITOLA, NOVACI, AND MOGILA – PHASE	<p>Increasing of the energy efficiency and reduction of emissions</p> <p>The central heating system foresees generation of heating energy by recovering the steam from turbines 2 and 3 in TPP Bitola and by means of a 12.5km long hot water transmission line going through arable agricultural land along the settlements of Novaci and Logovardi, which would supply heating energy to the city of Bitola. In the first stage, this will include capacity of 100 MW, of which 80 MW would be provided by TPP Bitola, and the remaining 20MW from the top boiler room in the city (located at the primary pump station in Bitola).</p>	3 Mature	2016(4 years)	47.000.000		39.000.000 (KFW)	8.000.000 (ELEM)	1.54
18.	Phase II, III – construction of irrigation system and production of electrical energy of Project Zletovica	<p>Phase II predicts construction of irrigation system that will cover 4.500 ha agricultural land.</p> <p>Phase III predicts construction of six small HPP with the total capacity of 9.90MW and annual production of electrical energy of 49,5GWh.</p> <p>Hydrosystem Zletovica is multipurpose water-supply system situated in the north-eastern part of the Republic of Macedonia in order to utilise the full potential of the river Zletovica- Probishtip. The propose HPP shall be constructed on different locations like: three on the flow on the river Zletovskareka, two on water supply pipelines and one on Knezevo Dam.</p>	3 Mature	2019-2021	50.000.000	1.000.000 (Grant by EIB for production of technical documentation for Phase II – irrigation and Phase III- production of electrical energy)			1.53
19.	Hydro Power Plant Galiste	<p>Increasing of the domestic electricity generation.</p> <p>The water management plan for utilization of the r.CrnaReka waters in its middle and bottom course, foresees the waters to be utilized for the power irrigation purposes. In this stretch of the river course, there are natural conditions for construction of high dams and formation of water storages, which will provide the available head to be used for power generation, providing at the same time a possibility for irrigation of the agricultural areas of the Tikves region.</p>	3 mature	2029 (7 year construction)	200.000.000				1.52

Energy sector

20.	Hydro Power Plant Spilje II	<p>Increasing of the domestic electricity generation</p> <p>HPP Spilje is storage electric power plant with a useful volume of 223 million m³, which allows daily and weekly levelling as well as seasonal levelling. For maximum utilization of the flow in the reservoir, respectively reducing water overflow to a minimum, in the spring when the flows in the storage are at highest level, hydropower plant should operate at maximum capacity. In the remaining period and especially during the period from November to February, when there is greatest demand for power and energy, the hydropower plant will be used to produce peak power energy. For this kind of operation of HPP Spilje its installed capacity should be as large as possible.</p>	1 not Mature		41.600.000		85% loan	15 % (ELEM)	1.47
					41.600.000				
21.	Revitalization of Hydro Power Plants – III phase	<p>The project includes revitalization of the hydropower plants "Vrutok", "Raven", "Vrben", "Globocica", "Spilje" and "Tikves". In the third phase of modernization of the existing hydro power plants, the following major intakes are planned:</p> <ul style="list-style-type: none"> • Replacement of power transformers, as follows: one in HPP "Spilje", two in HPP "Globocica", two in HPP "Vrben" and two in HEC "Tikves", as well as two new energy regulation transformers in HPP "Spilje"; • Modernization of two generators in HPP "Globocica" and one in HPP "Spilje"; • Replacement of conductive rope on 35 kV transmission line HPP "Vrutok" - HPP "Vrben" and replacement of protective rope with new optical ground wire, rehabilitation of 35 kV transmission line HPP "Spilje" - HPP "Globocica" and construction of a new 35 kV transmission line HPP "Kozjak" - HPP "Sv. Petka"; • Replacement of rotor poles from three rotor units in HPP "Raven" and new unit bearings based on new PTFE technology; • Replacement of ball valves and turbine equipment of two units in HPP "Vrben"; • Replacement of butterfly valves in HPP "Spilje", in HPP "Globocica" and in HPP "Tikvesh"; <p>Remediation of the concrete linings at the water supply shafts in HPP "Vrutok".</p>	2 not mature		23.374.802		85% loan	15 % (ELEM)	1.43
22.	Strengthening the transmission network in the southeast region	<p>With the realization of the project, it is possible to evacuate the production of the planned wind power plants and HPP Gradec. In addition, reliable power supply for the future industrial complex Euromax is provided.</p>	1 not mature		7.394.000				1.39
23.	Modernization of Thermal power plant Oslomej	<p>Modernization of the power plant with acceptable production price of electricity.</p> <p>Prolongation of operational life of TPP Oslomej as a base power plant.</p> <p>With realization of this project it will be obtained soundly balanced domestic production capacity, affordable electricity price, independent of negative and turbulent stock movements and changes in the world energy market, and extends the service life of Oslomej with installed capacity of about 129,5MWel for additional 30 years.</p>	3 mature	2018-2020	45.000.000				1.34

Energy sector

24.	In-out connection to 110 kV OHTL HPP Vrutok – SS Skopje 1 in SS Tetovo	Due to increased load in the power system, overload in the network in the northwest region occurs. The problem can be overcome by additional reconfiguration of the 110 kV network in the Polog region.	1 not mature		350.000				1.24
25.	Hydro Power Project TenovoKozjak	The idea for tunnel for redirecting of part of the waters from Vardar river in Treska river respectively from Tenovo site to Kozjak storage dates more than 50 years ago. According to the first Study about this idea [1] which is prepared by Norwegian Consulting Company, there is technical documentation only for tunnel Tenovo-Kozjak [3] where there are energy indicators and some financial analyses with current prices and construction of Energy Power system of Macedonia. At the end of 2014, analysis was made with proposed variants for resolving of this idea along with water usage from HPP Raven to Kozjak storage in ToR [2] from AF – Consult. As a result from these documents, opinion was provided by Civil Engineering Faculty for variants of this project.	2 mature (pre-feasibility)		72.620.000		85% loan	15 % (ELEM)	1.20
26.	Strengthening the transmission network in the western region	Due to the obsolescence of the transmission lines, connection of the new HPP Boskov Most and HPP Spijje 2 and solving the problem of high load of the power grid, it is necessary to strengthen the transmission lines. The problem is especially pronounced humidity in hydrology when there is a narrow grazing evacuation production of HECs.	1Notmature	2028-2030 construction period	7.844.000				1.08
27.	Strengthening of 110 kV lines for evacuation of production of HPP and TPP to Skopje	Со реализација на проектот во потполност се решава проблемот на преоптоварувањата во регионот и тесното грло за евакуација на производството на ХЕЦ-и одсливотна река Треска и реконструираниот ТЕЦ Осломејконградот Скопје (критериум N-1).	1 not mature		3.500.000				1.04

Energy Sector

28.	Hydro Power System Vardarska Dolina	<p>The area of the Vardar Valley has been the focus of interest in its current development and particularly in the last two decades. These interests amplify depending on the specific geopolitical and economic situation of our country, and various aspects of integration of the interest to landscape this area into the development plans at the regional level, as well as the specific interests of developing the economy as a whole.</p> <p>The complex landscaping of the Vardar Valley will include:</p> <ul style="list-style-type: none"> - Construction of facilities for energy use; - Construction of systems for the development of agriculture; - Construction of systems for the development of tourism industry, sport and recreation; - Construction of systems for environmental protection, protection of surface and groundwater and other environmental values. <p>Hydro-power utilization of the river Vardar has been studied in several phases.</p> <p>The Vardar Valley Programme envisages energy use of the Vardar stream and its most important tributaries.</p>	2 mature (pre-feasibility)		1.120.000.000			0.98
29.	TESLA gas pipe line system	<p>Analysis of the possibility of developing new gas corridors for connecting the countries from the Turkish-Greek border and the terminals on the Black Sea to the EU market with the ability to provide two-way flow of all interconnectors within the s.c.corridor Tesla(Turkey-Greece-Macedonia-Serbia-Hungary-Austria)</p>	1Notmature	2018-2020 construction period	415.000.000			0,69
30.	Hydro System Dosnica	<p>Constructing a dam on the river Dosnica downstream of its confluence with the river Buchevnik</p>	1 not mature	2023	52.376.100,00			0.50

Environment Sector

Nr. Crt	Project title(sector included)	Project brief description(location included)	Project Stage* (Maturity) (details)	Projectduration(p repairation+ implementation)	Total investment cost (€)	Grant/ Source (€)	Loan/ Source (€)	NationalCo-financing	SR Score
1	Construction of WWTP for Skopje and supervision activities	The purpose of the infrastructure project is construction of the WWTP in the City of Skopje.	3.mature	Technical documentation prepared. Implementation: 24 months (+12 months DLP)	120.000.000 (Constructionworks + Supervision)				135
2	Improvement of the waste water collection infrastructure in the city of Skopje	The purpose of the infrastructure project is upgrading and extension of the sewage network in the Municipality of Skopje.	3.mature	Works and supervision contracts signed. Project start in February 2018. Implementation: W:30 months (18 W + 12 DLP) S: 31months (19W +12DLP)	10.480.140 (Constructionworks + Supervision)	IPA II			132
3	Rehabilitation and Upgrading of the Sewerage Network, Construction of the WasteWater TreatmentPlant in the Municipality of Bitola and Supervision activities	The purpose of the infrastructure project is construction of the WWTP and extension and rehabilitation of the sewerage network in the Municipality of Bitola.	3.mature	Technical and tender documentation prepared. Procurement procedure expected to start in May 2018. Implementation: 24 + 12 months	27.900.000 (Constructionworks + Supervision)	IPA II			132
4	Rehabilitation and Upgrading of the Sewerage Network, Construction of theWasteWaterTreatmentPlant in the Municipality of Tetovo and Supervision activities	The purpose of the infrastructure project is construction of the WWTP and extension and rehabilitation of the sewerage network in the Municipality of Tetovo.	3.mature	Technical and tender documentation prepared. Procurement procedure to start in June 2018. Implementation: 24 + 12 months	30.300.000 (Constructionworks + Supervision)	IPA II			132

Environment Sector

5	Rehabilitation and Extension of Sewerage Network in the Municipality of Kichevo	The purpose of the infrastructure project is upgrading and extension of the WWTP and sewage network in the Municipality of Kichevo.	3.mature	Technical and tender documentation prepared. Procurement to start in May 2018. W:30 months (18 W+ 12 DLP) S: 31 months (19W +12DLP)	14.200.000 (Construction works + Supervision)	IPA II			129
6	Establishment of Integrated and Financially Sustainable Regional Waste Management System in East and North-East Regions and supervision activities	The purpose of the infrastructure project is construction of waste management facilities in East and Northeast Regions in order to establish integrated regional solid waste management system.	3.mature	Tender documentation prepared. Expected start of procurement June 2018. 24 months (12 W+ 12 DLP)	28.000.000 (Construction works + Supervision)	IPA II			127
7	Support in Establishment of Regional Waste Management System - Closure of Non-compliance Landfills in East and Northeast regions and supervision activities - First Phase	The purpose of the project is closure of non-compliance Landfills in East and Northeast Regions in order to establish integrated regional solid waste management system.	3.mature	Tender documentation prepared. Procurement to start in may 2018. 24 months (12 W+ 12 DLP)	9.200.000 (Constructionworks + Supervision)	IPA II			127
8	Upgrading the WWTP in Vranishta, extension of the collector system for Ohrid Lake and separation of the foul and storm priority water network in the Cities of Ohrid and Struga	The purpose of the infrastructure project is upgrading and extension of the WWTP and sewage network in the Municipality of Struga and Ohrid	3.mature	FS, EIA and TD prepared.	8.400.000				127
9	Establishment of Integrated and Financially Sustainable Regional Waste Management System in Southwest Region , Closure of Non-compliance Landfills and supervision activities	The purpose of the infrastructure project is construction of waste management facilities in Southwest Region in order to establish integrated regional solid waste management system	3.mature	FS, EIA and TD prepared. 24 months (12 W+ 12 DLP)	43.800.000(Constructionworks + Supervision)				124
10	Establishment of Integrated and Financially Sustainable Regional Waste Management System in Pelagonija Region , Closure of Non-compliance Landfills and supervision activities	The purpose of the infrastructure project is construction of waste management facilities in Pelagonija Region in order to establish integrated regional solid waste management system.	3.mature	FS, EIA and TD prepared. 24 months (12 W+ 12 DLP)	38.800.000(Constructionworks + Supervision)				124

Environment Sector

11	Establishment of Integrated and Financially Sustainable Regional Waste Management System in Vardar Region , Closure of Non-compliance Landfills and supervision activities	The purpose of the infrastructure project is construction of waste management facilities in Vardar Region In order to establish integrated regional solid waste management system.	3.mature	FS, EIA and TD prepared. 24 months (12 W+ 12 DLP)	32.400.000(Construction works + Supervision)				124
12 (new)	Establishment of Integrated and Financially Sustainable Regional Waste Management System in Skopje Region , Closure of Non-compliance Landfills and supervision activities	The purpose of the infrastructure project is construction of waste management facilities in Skopje Region in order to establish integrated regional solid waste management system	3.mature	FS, EIA and TD prepared. 24 months (12 W+ 12 DLP)	16.400.000 (Construction works + Supervision)				124
13	Improving Resilience to Floods in the Polog Region (Restoration of Pena River)	This four-year project aims to substantively support achieving: a) an improved knowledge of region's flood risk, causes and appropriate responses among authorities and other stakeholders; b) an inclusive approach to flood risk management planning in line with EU legislation that is sensitive to the specific needs of different vulnerable social groups; c) a better preparedness for flood risks and strengthened recovery capacity thanks to improved governance; d) progress toward flood risk-based urban and economic development; e) a reduction in the adverse consequences of future floods in high-risk areas through the repair or construction, as demonstration projects, of flood control infrastructure in line with contemporary approaches and techniques; f) creation of a flash-flood early warning and public-alert system; and g) progress in the adoption of the objectives and principles of the EU Floods Directive and the Sendai Framework for Disaster Risk Reduction.	3. mature	11.2017 – 11.2021	3.500.000 USD	SDC and SECO (implementing partner UNDP)			116
14	Construction of WWTP and upgrading and extension of the sewage networking Shtip and supervision activities	The purpose of the infrastructure project is construction of the WWTP and extension and rehabilitation of the sewerage network in the Municipality of Stip.	3.mature	FS, EIA and TD will be prepared by March 2018. Implementation W: 30 months (24 W+ 12 DLP)	19.700.000 (Construction works + Supervision)				114
15	Construction of WWTP and upgrading and extension of the sewage networking Veles and supervision activities	The purpose of the infrastructure project is construction of the WWTP and extension and rehabilitation of the sewerage network in the Municipality of Veles.	3.mature	FS, EIA and TD will be prepared by March 2018. implementation W: 30 months (24 W+ 12 DLP)	23.600.000 (Constructionworks + Super vision)				114
16	Clean-up Activities for Alpha-HCH,Beta-HCH and Lindane Contaminated Sites at OHIS	The project purpose is to set up a sustainable mechanism to ensure a sustainable clean-up operation at the selected HCH contaminated site for future industrial use,and to protect human health and the environment from the irad verse effects by reducing and eliminating the releases of and exposure to HCHs	3.mature	7 years (2015 – 2022)	Approx.35.000.000 USD	GEF - 3.500.000I US\$			112
NOT MATURE PROJECTS									

Environment Sector

17	Establishment of Integrated and Financially Self Sustainable Regional Waste Management System in Southeast Region and supervision activities	The purpose of the infrastructure project is construction of waste management facilities in Southeast Region in order to establish integrated regional solid waste management system.	1. not mature	No complete technical documentation. Regional waste management Plan prepared.	≈ 24.000.000 (Construction works + Supervision)				120
18	Establishment of Integrated and Financially Self Sustainable Regional Waste Management System in Polog Region and supervision activities	The purpose of the infrastructure project is construction of waste management facilities in Polog Region in order to establish integrated regional solid waste management system.	1. not mature	No technical documentation.	26.000.000 (Construction works + Supervision)				120
19	Construction of WWTP and upgrading and extension of the sewage network in Gostivar and supervision activities	The purpose of the infrastructure project is construction of the WWTP and extension and rehabilitation of the sewerage network in the Municipality of Gostivar.	1. not mature	No technical documentation. Preparation 24 months; implementation 18 + 12 months	≈ 23.500.000 (Construction works + Supervision)	IPA II			120
20	Construction of WWTP and upgrading and extension of the sewage network in Kavadarci and supervision activities	The purpose of the infrastructure project is construction of the WWTP and extension and rehabilitation of the sewerage network in the Municipality of Kavadarci.	1. not mature	No technical documentation. Preparation 24 months; Implementation 18 + 12 months	≈ 12.500.000 (Construction works + Supervision)	IPA II			118
21	Construction of WWTP and upgrading and extension of the sewage network in Debar and supervision activities	The purpose of the infrastructure project is construction of the WWTP and extension and rehabilitation of the sewerage network in the Municipality of Debar.	1. not mature	No technical documentation. Preparation 24 months; Implementation 18 + 12 months.	≈ 9.500.000 (Construction works + Supervision)	IPA II			116
22	Rehabilitation and extension of the sewage network and water supply system in Municipality of Aracinovo and construction of WWTP for above 20.000 p.e.	The purpose of the project is to improve water supply and waste water collection and treatment in the Municipality of Aracinovo and surrounding area thus contributing in improvement of environmental conditions and health of the population.	1. not mature	No technical documentation	6.000.000				114
23	Rehabilitation and extension of the sewage network and water supply system in Municipality of Lipkovo (Orizare, Slupcane, Vaksince, Lojane and Otlja) and construction of WWTP for above 35.000 p.e.	The Purpose of the project is to improve water supply and waste water collection and treatment in the Municipality of Lipkovo (Orizare, Slupcane, Vaksince, Lojane and Otlja) and surrounding area thus contributing in improvement of environmental conditions and health of the population.	1. not mature	No technical documentation	9.000.000				114
24	Improvement of Polog Regional water supply system (Tetovo, Gostivar, Zelino, Bogovinje, Brvenica and Vrapciste)	The Purpose of the project is to improve environmental conditions and to protect natural water resources in the region, by establishment of water supply systems for Tetovo, Gostivar, Zelino, Bogovinje, Brvenica and Vrapciste	1. not mature	No technical documentation	10.500.000 (Construction works + Supervision)				108

Environment Sector

25	Excavation and on/ or off sitere mediation of the chromium dumpsite in Jegunovce	Elimination of industrial hotspots in the country through remediation.	1.notmature	Pre FS exist (2003)	12.700.000				102
26	Remediation and recultivation of the lead and zinc dumpsite in Probistip.	Elimination of industrial hotspots in the country through the development of remediation.	1.notmature	Technical documentation prepared (2010)	4.300.000				98
27	Excavation and sludge recycling of the Dumpsite in Zelezara, Skopje	Elimination of industrial hotspots in the country through Remediation.	1.notmature	No technical documentation	8.000.000				97
28	Excavation and off site re mediation of the lead, zinc and cadmium dumpsite in Veles	Elimination of industrial hotspots in the country through the clean up of the dumpsite and remediation.	1.notmature	No technical documentation	23.600.00				97

Social Sector

Nr.crt	Project title(sector included)	Project brief description (location included)	Project Stage* (Maturity) (details)	Project duration (preparation+ implementation)	Total Investment cost (€)	Grant/ Source (€)	Loan/ Source (€)	National Co-financing (€)	SR Score
1	Rehabilitation of Health Provider Institutions-Phasel, Consolidation of the Regional Clinical Hospital in Shtip,(MH)	To contribute to the implementation of the road map for restructuring of the health sector before 2020 by establishing the new network of modern regional clinical hospitals	3 MATURE		49.394.955				115
2.	Reconstruction of the penitentiary-correctional institutions of the Republic of Macedonia LD 1700 (2010) (MJ)	To improve the institutional capacity of the correctional-educational system; improving not only the living conditions of the inmates, but the working conditions of the staff as well within the framework of Human Rights, in line with the European standards and prison rules, covering four penitentiary institutions in Macedonia: Idrizovo Penal Correctional Facility, Skopje Prison, Kumanovo Prison and Tetovo Juvenile Educational Correctional Facility	3 MATURE	Started 2010 - estimated duration for implementation 2019	53.450.000	WBIFIP2 TA of 500.000 WBIF 12th Round Extended TA of 350.000 WBIFIP5 Extended TA of 1.100.000 EU/IPA 2.600.000 Norwegian Gov. 400.000	LOAN of 46.000.000 from CEB	2.500.000	111
3	Reconstruction of psychiatric hospital in Demir Hisar (MH)	The purpose of the proposed project is activities for the completion and improvement of the Construction for the needs of the hospital in Demir Hisar. Existing objects are old and quite damaged in which inpatients ward are situated about 350 patients in substandard rooms. The reconstruction practically was impossible because of the bad condition and functional set-up (End of the life interior doors and windows; End of the life electrical installation, water and wastewater installations, poor sanitary facilities, etc.). In the old building that previously was the municipal building is accommodated around 210 patients and 60-70% of the total number of patients. The same are in a very bad condition, which is proposed to be demolished, and in the	1 NOT MATURE		1.440.000	300.000 USD Donation from NAVFAC			109

Social Sector

Nr.crt	Project title(sector included)	Project brief description (location included)	Project Stage* (Maturity) (details)	Project duration(preparation+ implementation)	Total Investment Cost (€)	Grant/ Source (€)	Loan/ Source (€)	National Co-financing (€)	SR Score
4.	Construction of physical education facilities in primary schools, acquisition of equipment and the rehabilitation of primary and secondary schools (MO)	<p>Providing the conditions for realization of a proper teaching process</p> <p>The realization of the Project will enable all students in the primary and secondary education to have the same quality in realization of the teaching programs, sports and sporting activities, which will contribute to improve the achievements of the students in other teaching programs in the frames of the overall educational-upbringing process.</p>	3 MATURE		47.000.000				109
5.	Reconstruction of the Special Hospital "St. Erasmus "-Ohrid including the needs of the Institute for cardiovascular illness, Ohrid (MH) (3)	<p>The purpose of the proposed project is activities for the completion and improvement for the needs of the Special hospital in Ohrid.</p>	3 MATURE	2018-2019	4.009.207		Part of LD 1689(2009) 23.000.000 CEB		107
6.	Construction of Physical Education Facilities in secondary schools, acquisition of equipment and refurbishment of those schools to meet the basic requirements for learning (MO)	<p>Providing the conditions for realization of a proper teaching process for physical and health education.</p> <p>The Project for Construction and Equipping of PEF in secondary schools will also include the sport requisites (equipment) for which no budget funds are secured for longer period of time. Only in this way, the construction of PEF can be justified and the schools and PEF will be able to function as a whole which will result in the final goal – quality educational-upbringing process.</p> <p>The Project will also provide appropriate treatment for the present gym halls that are currently missing the sporting equipment (requisites) or such equipment is very old and obsolete.</p>	3 MATURE		15.100.000				99
7.	Construction of Emergency Department for General Hospital Kumanovo (MH)	<p>The purpose of the proposed project is activities for the construction and improvement for the needs of the General Hospital in Kumanovo .The Project Program was created for construction of the Emergency department for the General Hospital Kumanovo. Within the GH Kumanovo currently there is an ER that is non-functional and not in accordance with the applicable regulations for this type of facilities.</p>	3 MATURE	2018	790.000				95
8.	Reconstruction and outbuilding of the penitentiary-correctional institutions of the Republic of Macedonia (MJ)	<p>Development and improvement the conditions in prisons for convicted and detained persons, as well as for the staff and providing more capacity for the penal-correctional and educational-correctional system in the Republic of Macedonia, in accordance with European Standards and prison rules</p>	1 NOT MATURE	2019-2022	10.285.000				89

Social Sector

9.	Social housing and community based services for the most vulnerable(MLSP)	To improve living conditions for individuals and families from socially vulnerable categories enabling their integration in productive and social activities. The project is built around 2 components: 1) securing housing and other facilities to support de-institutionalization of social protection and 2) securing social housing for the most vulnerable, including Roma.	3 MATURE	2018-2028	69.900.000				87
10.	Reconstruction of General Hospital 8 th September (MH)	The purpose of the proposed project is activities for the completion and improvement for the needs of the General Hospital in Skopje. This was also the conclusion to inform the Government of the Republic of Macedonia for the course and progress of the activities planned for the renovation of the General Hospital "8 th of September " Skopje,	1 NOT MATURE		apx 20.000,00 for design reconstruction cost estimation: 4.000.000			2.500.000-MoH has provided Still needs 1.500.000	87
11.	General Hospital in Kicevo (MH)	The purpose of the proposed project is activities for the completion and improvement of the Construction for the needs of the General hospital in Kicevo. To the existing facility was projected with the purpose of the clinic built in 1985, with total area of 6700 m2.	3 MATURE	2018-2020	I phase – 3.410.000 inc. VAT approved by MF for Construction works II phase – 3.900.000 exc.VAT not obtain jet for construction				87
12.	Completion and adaptation of the hospital building, -General Hospital, Strumica(MH)	Completion and adaptation of the Hospital building in order to provide sufficient room to accommodate Urgent Centre, Diagnostics and inpatient ward	3 MATURE	2018	4.492.181			Only national funds	85
13.	Construction of new City Hospital in the Municipality of Aerodrom (MH)		2 NOT MATURE (Pre feasibility)						85
14.	Reconstruction of Clinical Hospital "TrifunPanovski" – Bitola (MH)	The Project Program was created for renovation and adaptation of the Clinical Hospital "Trifun Panovski" - Bitola. The project program contains information and guidelines that should be implemented as follows: Phase 1: Reconstruction of the hospital facade and roof. Phase 2: Renovation and adaptation of the hospital interior, including complete renovation of all the operation rooms. Phase 1: Replacing the damaged facade and old windows with new energy efficient facade carpentry, windows and doors, with new thermal insulation. Replacing the old roof with new roof.	3 MATURE		Phase I: apx 1.815.000 Phase II: apx 10.000.000			MoH provided 1.850.000 Still needs 11.000.000	83
15.	(Re) Construction of Pre-school Education and Care Facilities (MTSP)	(Re)constructed and equipped 80 new and/ or already opened facilities (kindergartens) leading to additional number of (6000) vacant spaces in public pre-school facilities and increased participation in early childhood education and care throughout the country.	1 NOT MATURE	2018-2025	26.400.000				83

Social Sector

16.	Reconstruction of court buildings (MJ)	Improvement of the working conditions in the courts and increasing the level of communication and service to the customers	1 NOT MATURE	2016-2018	7.500.000				83
17.	Reconstruction of the Special Surgical Hospital "St.Naum Ohridski" (MH)	<p>This project will provide general reconstruction of the hospital building, specific actions will be the following :</p> <ul style="list-style-type: none"> • Reconstruction of roof, construction of new mechanical room, partial replacement of windows and façade, construction of new hospital elevator and two smaller service elevators • General reconstruction of the Operational block at the first floor containing 5 operating theaters, sterilization, intensive care, recovery room, corridors and staff rooms, installation and equipment for electricity, HVAC and medical gases • Reconstruction of patient rooms , toilets, installations • Reconstruction and replacement of central stations for medical gases and electricity, building of new central station for HVAC for the Operational block • Purchase and installation of new medical equipment 	3 MATURE	2018	<p>Preparatory activities (project design, review of design) - 10.000</p> <p>Construction works – 2.398.373 inc. VAT</p> <p>Supervision of works – 5.000</p>			81	
18.	Reconstruction and adaption of General Hospital Kavadarci	<p>The basic programme requirements and criteria for the preparation of the project documentation in question cover: Center for palliative care</p> <p>The subject of this programme is the complete revision of premises for a functional palliative care centre and a centre for cystic fibrosis, with the preparation of complete project documentation and a base project that will provide for a complete reconstruction of the premises of the General Hospital Kavadarci.</p>	1 NOT MATURE					71	
19.	Reconstruction and adaption of the University Clinic for Anaesthesia, Resuscitation and Intensive Care	<p>The concrete goals of the project are connected via their function as a basis for every subsequent development through:</p> <ul style="list-style-type: none"> • Promoting the quality of health services which will be achieved with the building renovation and adaptation; • Providing health services that require professionalism, excellent organization and state of the art medical treatment technology; • Providing optimal conditions for efficient and rational functioning; • Determining the basic directions of development, within the project framework; 	1 NOT MATURE					71	

Social Sector

20.	Reconstruction and adaptation of the Institute for respiratory diseases –Kozle	<p>The basic programme requirements and criteria for the preparation of the project documentation in question cover:</p> <ul style="list-style-type: none"> • Center for palliative care for children • Center for cystic fibrosis in children • The subject of this programme is the complete revision of premises for a functional palliative care centre and a centre for cystic fibrosis, with the preparation of complete project documentation and a base project that will provide for a complete reconstruction of the premises of the Institute for respiratory disease in children – Kozle. 	1 NOT MATURE						71
21.	Construction of car park building in the University Clinical Campus Mother Teresa Skopje	<p>UCC currently functions as 32 autonomous independent clinics. This mitigates against the achievement of efficiency, productivity and effectiveness in the use of scarce resources. Feasibility studies have consistently drawn attention to the need for an active strategic and operational hospital management. The main focus of this section is the traffic, circulation and car parking arrangements which are planned to operate in the campus. There is a concern that ambulances and other vehicles conveying emergencies will become snarled in traffic on and off the site and will become delayed and obstructed in reaching the appropriate emergency center.</p>	1 NOT MATURE						69
22.	Reconstruction of a academy for judges and public prosecutors	<p>The Academy for Training of Judges and Public Prosecutors is situated in residential building into three lamellas in the municipality of Aerodrom, covering a total area of 609 m2 (without an internal connection with each other).</p>	1 NOT MATURE						49

Digital Connectivity

Nr. Crt	Project title (sector included)	Project brief description (location included)	Project Stage* (Maturity) (details)	Project duration (preparation+ implementation)	Total investment Cost (€)	Grant/ Source (€)	Loan/ Source (€)	National Co-financing (€)	SR Score
1	"Establishing national broadband infrastructure	The purpose of the project is to establish national optical network infrastructure that will serve as common communication highway for interconnecting all governmental, health, and educational and local government institutions in Macedonia. The project will be a complementary activity of the implementation of the National Broadband strategy that is in the process of preparation.	Approved: Conceptual idea Pre-Feasibility study	2019-2026	7.000.000				100