

Transport Section 1 On-going projects (in implementation phase) ¹								
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 state road A1, express road section Drenovo - Interchange Gradsko	Construction of an express road with a total length of 15.5 km as part of branch X-D of Corridor X	2018-2024	33.000.000 €	IPA II (85%)	/	15% National budget	
2.	Construction of state road A2, new motorway section Kicevo - Ohrid	The length of the new motorway is 57 km and is part of Corridor VIII.	2014-2026	598.000.000 €	/	EXIM bank	PESR	
3.	Construction of state road A3, express road section Stip – Krupiste - Kocani	The road section is divided into two sections with a total length of 28 km.	2017-2024	51.302.174 €	/	EBRD	/	
4.	Construction of state road A1, express road section Raec bridge-Drenovo (Faris gorge-Drenovo gorge)	Construction of an express road with a total length of 10.2 km as part of branch X-D of Corridor X (Contract was terminated in September 2019 and the new Contractor started working in July 2021)	2016-2024	45.000.000 €	/	EBRD	/	Price adjustment shall make significant increase of the total budget)
5.	Construction of state road A2, express road section Rankovce – Kriva Palanka	The total length of the new express road section is 25.5 km.	2018-2025	107.000.000 €	WBIF (13,5 MEUR)	WB	/	
6.	Rehabilitation and reconstruction of 6 road sections	Rehabilitation of carriageway (one or both carriageways) Motorway Katlanovo – Petrovec Regional road Mavrovi Anovi – Zirovnica Regional road Karpalak – Zelino Regional road Kicevo – Makedonski Brod Regional road Makedonska Kamenica – Sasa Regional road Uzem – Toranica (Most of the sections are completed)	2018-2024	19.850.000 €	/	EBRD	/	
7.	Modernization and electronic tolls in the Republic of North Macedonia	The project consists of modernization of 5 existing and construction of 2 new tolls on Corridor X. The project consists of modernization of 3 existing and construction of 2 new tolls on Corridor VIII.	2014-2024 (plus 5 years maintenance)	15.800.000 € 12.500.000 €	/	EBRD	PESR (VAT)	
8.	Reconstruction of state road A2, section from Kriva Palanka to Deve Bair	Rehabilitation and reconstruction of state road Kriva Palanka – border crossing Deve Bair, Republic of Bulgaria, part of Corridor VIII in length of 13km	2020-2024	10.161.000 €	WBIF (2,4 MEUR)	EBRD loan (10 MEUR)	/	
9.	Rehabilitation of State Road A2, section Kumanovo – Stracin (Phase I and Phase II)	Rehabilitation of 31km of the state road A2 (Corridor VIII) from Kumanovo to Stracin	2020 - 2024	12.200.000 €	IPA II (4.0 MEUR)	/	PESR (7.5 M EUR) /National Co-financing (IPA2)	
10.	Rehabilitation of 10 road sections	National road Fariska Klisura – Prilep Regional road Krivogastani – Krusevo National road Skopje – Blace National road Podmolje – Struga – Kjafasan Regional road Bitola – Demir Hisar Regional road Krusevo – Demir Hisar Regional road Katlanovo – Veles Regional road Veles-Gradsko-Negotino-Demir Kapija Regional road Drugovo – Demir Hisar Rehabilitation of road section A1 Bitola - Medzitlija (Greece Border)	2018-2024	35.650.000 €	/	EBRD	/	
11.	Construction of regional road R2246 section Izvor – Garski Most	Construction of regional road R2246 section Izvor – Garski Most with a length of 20 km	2021-2024	24.100.000 €	/	/	PESR	
12.	Reconstruction and upgrading of state road A4 to motorway standard, first subsection BC – Blace – Interchange to v. Blace	Reconstruction and upgrade to the motorway of the state road A4, first subsection BC Blace – Interchange to village Blace, in length of 2.0 km	2021-2024	26.000.000 €	/	/	PESR	

¹ Deleted projects from the previous table are physically completed, although administratively there are still open issues (e.g. taking over certificate, etc...).

13.	Construction of state road R1203, Tetovo Bypass	Construction of new road Tetovo Bypass, connection with Motorway A2 and regional road R1203	2024-2025	12.230.000,00 € (VAT included)	/	/	PESR	
14.	Construction of state road A2, motorway section Trebeniste – Struga – BC Kjafasan	Construction of new motorway section Trebeniste - Struga – BC Kjafasan with a length of 21.5 km, part of Corridor VIII	2023-2028	250.000.000 €	/	/	STATE budget	According to feasibility study from faculty of Civil Engineering & GT
15.	Construction of state road A2, new motorway section Tetovo - Gostivar to motorway	Upgrading to motorway standard of state road A2, new motorway section Tetovo - Gostivar with a length of 18 km, on Corridor VIII.	2023-2028	130.000.000 €	/	/	STATE budget	According to feasibility study from faculty of Civil Engineering & GT
16.	Construction of state road A3, new motorway section Prilep - Bitola	Construction of new motorway Prilep - Bitola, with a length of 40 km	2023-2028	400.000.000 €	/	/	STATE budget	According to feasibility study from faculty of Civil Engineering & GT
17.	Construction of state road A2, new motorway section Gostivar - Bukojcani	Construction of new motorway section A2 Gostivar- Bukojcani with a length of 30 km on Corridor VIII.	2023-2028	460.000.000 €	/	/	STATE budget	According to feasibility study from faculty of Civil Engineering & GT
18.	Reconstruction of state road R1109 (By-pass Bogdanci)	Reconstruction of state road R1109 (Bypass Bogdanci) with a length of 2.7 km	2021 -2023	2.122.417 € (VAT included)	/	/	PESR	Taking over from SE done. Awaiting Technical acceptance from the Ministry.
19.	Reconstruction of state road A4, section Strumica - Dabile	Reconstruction and rehabilitation of state road Strumica – Dabile with a length of 3km	2023 -2024	3.086.000 € (VAT included)	/	/	PESR	
20.	Reconstruction and rehabilitation of state road R1109, section Ponov Most - Bogdanci	Reconstruction and rehabilitation of state road Ponov Most – Bogdanci with a length of 5.3 km	2023 -2024	5.230.000 € (VAT included)	/	/	PESR	
21.	Construction and reconstruction of railway section Kumanovo-Beljakovce	The length of the section is 31 km and is part of Eastern Part of the Rail Corridor VIII.	2014-2024	50.600.000 €	WBIF	EBRD	/	
22.	Construction of new and reconstruction of existing railway section Beljakovce-Kriva Palanka	The length of the section is 34 km and is part of rail Corridor VIII.	2018-2025	156.000.000 €	WBIF	EBRD	/	
23.	Construction of the rail section Kriva Palanka-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 in length of 24km including signaling and telecommunication and electrification of 90km of new railway line.	2024 - 2029	560.000.000 €	WBIF IPA II	EIB EBRD	TBD	Moved from mature projects to on-going projects since the financial construction is closed and the tendering procedure is on-going (expected to be completed in Q3 2024).
24.	Construction of Joint Border Station Tabanovce	Constructed rail border facilities for the Macedonian and Serbian joint border control	2023-2026	7.700.000 €	WBIF	EBRD		Moved from mature projects to on-going projects since the financial construction is closed and the tendering procedure is on-going (expected to be completed by end of 2024).
25.	Preparation of project documentation for multimodal node Trubarevo	Project documentation	2023-2024	725.000 €	IPA II (85%)	/	15% National budget	Moved from non-mature to on-going projects

Section 2 Identified mature projects												
	Project title (sector included) TRANSPORT	Project brief description (location included)	Project Stage* (Maturity) (details)	Estimated time needed for maturity (in months)	Activities required to reach maturity	Project duration (preparation+ implementation)	Total investment cost	Grant/Source	Loan/Source	National Co-financing	SR Score	IL (Indicative list)
1.	Construction of state road A1, section Prilep-Leniska Bridge	Construction of new expressway section Prilep - bridge on Lenishka river and Construction of third lane of road section v. Belovodica – Mavrovo quarry	2	6	Detailed design and Tender Documents	2024-2026	8.000.000 €	/	/	STATE budget/PESR	95.5	
2.	Rehabilitation of the A1, A2, A4 motorway network in the area of "Skopje Triangle" (Miladinovci– Petrovec, Miladinovci– Hipodrom, Hipodrom – Petrovec)	Rehabilitation of the motorways: A1, section Miladinovci – Petrovec, A2, section Miladinovci – Hipodrom, and A4, section Hipodrom–Petrovec, in order to provide a safe, reliable, comfortable transport system for the users and to enhance the connectivity between Corridor 8 and Corridor 10.	3	12	Design GAP analysis, Tender documentation	2025-2029	52.300.000 €	IPA III		50 %	95.5	
3.	Rehabilitation of state road A1, section Gevgelija - Greece border (Bogorodica)	Rehabilitation of road section in the south central - region of the country and it is a section that connects North Macedonia with Greece, along Corridor X (right carriageway)	2	12	Detailed design & Tender Doc.	2024-2025	2.500.000 €	TBD	TBD	TBD	94.0	
4.	Replacement of guardrails according to EN standards on identified priority sections along the Corridor X motorway	The purpose of the Operation is the replacement of guardrails according to EN standards on identified priority sections along Corridor X (phase 1 and phase 2).	2	12	Tender Documents, Under SSPT	2024-2026	30.000.000 € (indicative budget & for both phases)	TBC	SSPT	TBC	90.7	IL
5.	Reconstruction and upgrading of railway bridges on Corridor X	Rehabilitation or reconstruction critical bridges located on the strategic rail Corridor X, in order to update the infrastructure and to improve the safety, durability, stability, and compliance of the railway bridges.	1	24	DD, TMD, TD	2025-2030	28.750.000 €	IPA III		50%	88.9	IL
6.	Rehabilitation of state road A1, motorway section Gradsko - Stobi	Rehabilitated road section A1 Gradsko - Stobi with a length of 4.5 km, on Corridor X.	1	12	Detailed design & Tender Doc.	2022 - 2025	4.500.000 €	TBD	TBD	TBD	87.9	
7.	Rehabilitation of state road A1, motorway section Negotino – TEC Negotino	Rehabilitated road section A1 Negotino – TEC Negotino with a total length of 8.8 km, on Corridor X.	1	12	Detailed design & Tender Doc.	2022 - 2025	8.000.000 €	TBD	TBD	TBD	87.9	
8.	Construction and supply of ITS on Corridor X	Constructed and supplied ITS on Corridor X with a length of 179 km.	3	8	Tender Doc.	2023-2024	12.500.000 €	/	WB (WTFP)	/	87.5	
9.	Construction of new state road R1210, section Toranica – Sasa	Construction of new state road R1210, section Toranica – Sasa with length approximately 19 km	3	6	Tender Documentation	2024-2026	10.000.000 €	TBD	TBD	TBD	86.7	

10.	Reconstruction and rehabilitation of regional road R2236, section	Reconstruction and rehabilitation of regional road Sveti Nikole – Neokazi with a length of 15km	2	9	Detailed design under preparation	2021-2026	12.000.000 €	TBD	TBD	TBD	86.3	
11.	Preparation of design documentation and implementation of measures for improvement of road safety	Preparation of documentation and implementation of road safety along several road sections (eg. Radovish – Strumica; Skopje ring roads, Gostivar- Kichevo etc)	1	12	Tender Documentation and detailed design	2022-2025	9.500.000 € (indicative)	TBD	/	TBD	86.0	
12.	Construction of state road A3, bypass Resen	Construction of state road A3, Resen bypass with a length of 9.5km	2	6	Detailed design under preparation	2020-2025	40.000.000 € (indicative)	TBD	TBD	TBD	81.0	
13.	Rehabilitation of state road A2, Skopje bypass (both carriageways)	Rehabilitation of state road A2 Skopje - bypass (both carriageways), with a length of 27 km on Corridor VIII.	1	24	Finalization of Detailed design and tender dossier	2024-2027	30.000.000,00 € (indicative)	TBD	TBD	TBD	79.7	
14.	Construction of new state road R1309, section Ponikva – Tursko Rudare	Construction of new state road R1309, section Ponikva – Tursko Rudare with length approximately 13.5 km	2	12	Tender Documentation	2024-2026	8.500.000 € (indicative)	TBD	TBD	TBD	78.6	
15.	Track renewal works and reconstruction of the Railway Corridor X in the Republic of North	Track renewal and/or reconstruction of the Railway Corridor X in North Macedonia to a condition that enables safe and efficient operation at its intended speed and improve safety standards, enhance operational efficiency, and increase the transport capacity of the corridor.	1	36	FS, environment assessment, PD, TD	2024-2030	200.000.000 €	WBIF	EBRD	TBD	77.9	IL
16.	Rehabilitation of state road A2, motorway section Skopje - Tetovo (both carriageways)	Rehabilitation of state road A2, motorway section Skopje - Tetovo (both carriageways), with a length of 32 km on Corridor VIII	1	24	Finalization of Detailed design and tender dossier	2024-2027	50.000.000,00 € (indicative)	TBD	TBD	TBD	77.5	
17.	Construction of state road A3, expressway section Bitola –BC Medzitlija	Construction of expressway Bitola – BC Medzitlija with a length of 22.0 km	2	9	Detailed design under preparation	2020-2026	80.000.000 € (indicative)	TBD	TBD	TBD	77.0	IL
18.	Construction of state road A4, new expressway section Radovis – Strumica	Construction of new expressway Radovis – Strumica with a length of approximately 30 km	1	24	Urban design, Detailed design, ESIA	2023-2028	80.000.000 € (indicative)	TBD	TBD	TBD	76.9	
19.	Construction, reconstruction and rehabilitation of state road Strumica – Valandovo -	Construction, reconstruction and rehabilitation of state road Strumica – Valandovo - connection with A1, with a length of 27 km	2	12	Detailed design under preparation	2023-2027	80.000.000 € (indicative)	TBD	TBD	TBD	75.5	
20.	Supply and installation of signalization of the railway level crossings	Establishment of competitive, reliable and safe transport system with improving and modernising the signalling on 30 prioritized level crossings of railway with road infrastructure along Corridor X, Corridor Xd and along the Corridor VIII.	2	31	Preparation of technical specification and TD	2024-2027	12.000.000 €	EU grant/WBIF	IFIs		75.0	

21.	Reconstruction and widening with the third lane of state road A1, motorway section Kumanovo –	Reconstruction and widening with the third lane of state road A1, motorway section Kumanovo – Miladinovci (left carriageway only), with a length of 20 km on Corridor X	1	24	Finalization of Detailed design for the left carriageway only, TD	2023-2027	25.000.000,00 € (indicative)	TBD	/	TBD	73.5	
22.	Construction of state road A4, section BC Blace (Kosovo border) – Skopje (Interchange Stenkovec) – 2 nd	Construction of road section A4 Skopje - Kosovo border, a part of Route 6A of the TEN-T comprehensive network with a length of a 10.5km	2	9	Detailed design under preparation, TD to be prepared	2019 - 2027	197.000.000 €	WBIF (28 MEUR)	EBRD (167 MEUR)	PESR	68.0	
23.	Construction of state road A2, new motorway section Bukojcani - Kicevo	Construction of new motorway section A2 Bukojcani – Kicevo with a length of 10.7 km on Corridor VIII	2	12	Finalization of Detailed design for subsection from km 2+500 to km	2023-2027	135.000.000,00 €	WBIF 20.000.000 €	EBRD	/	67.6	
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	36	Preparation of FS, preliminary design, detailed design, EIA study	2024-2030	552.000.000 €	TBD	TBD	TBD	67.3	
25.	Construction of state road A4, new express road section Strumica – Border Crossing Novo Selo	Construction of new express road Strumica – Border crossing Novo Selo with a length of approximately 30km	1	24	Detailed design, ESIA, FS	2023-2028	100.000.000 € (indicative)	TBD	TBD	TBD	64.1	
26.	Construction of state road A2, new express road section Romanovce – Stracin	Construction of new express road Romanovce – Stracin with a length of approximately 30 km (Corridor VIII)	1	24	Detailed design, FS, ESIA	2023-2027	150.000.000 € (indicative)	IPA III	TBD	TBD	63.3	IL
26.	Construction of state road A1, new motorway section Katlanovo – Veles (right carriageway)	Construction of new motorway section Katlanovo – Veles, right carriageway only, with a length of 25 km on Corridor X	2	24	Detailed design for the right carriageway only, TD	2023-2028	150.000.000,00 € (indicative)	IPA III	/	TBD	63.3	IL
27.	Construction of state road R1209, Section Tetovo – (Sipkovic) – BC with Kosovo (Prizren)	Construction of new road R1209 Tetovo – Sipkovic – BC with Kosovo (Prizren)	1	24	ESIA, DD, TD	2023-2028	80.000.000,00 € (indicative)	TBD	TBD	TBD	52.4	
28.	Construction works of the railway section Kicevo–Struga	Construction of railway section on Corridor VIII, western section, from Kicevo –Struga with length of 50 km	1	36	GAP analysis to be executed	2024-2030	425.000.000 €	WBIF	EIB EBRD	TBD	50.7	IL
29.	Construction of railway section along the corridor X Kumanovo-Deljadrovce	Construction of 14km of railway line along the Corridor X	1	36	Update of existing projects documentation (FS, CBA, EIA, DD)	2025-2032	52.000.000 €	TBD	TBD	TBD	49.4	

30.	Construction of state road A3, new motorway section Veles - Prilep	Construction of new motorway section Veles – Prilep with a length of 57 km	1	36	FS, ESIA, PD, Detailed design, TD	2023-2031	600.000.000 € (indicative)	TBD	TBD	TBD	47.7	
31.	Construction works of the railway section Struga – border with Republic of Albania	Construction of railway section on Corridor VIII, western section, from Struga – border with Albania with length of 22 km	1	56	Prefeasibility study to be done	2024-2031	100.000.000 €	WBIF	EIB EBRD	TBD	46.2	IL

Section 3 non-mature projects (project documentation, strategic documents)												
Other identified PROJECTS												
1.	Introducing Bus Rapid Transit system in the City of Skopje	Loan agreement is being finalized. The project is in a phase of preparation of a preliminary design, upon its completion the project is planned to be implemented through a design and build contract (Yellow FIDIC)						EBRD				
2.	Preparation of Project documentation for GSMR-ECTS, level 1, on Corridor X	Project documentation WBIF approved grant funding in the 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 North Macedonia until 2030.					WBIF					
3.	Preparation of project documentation (FS, CBA with PD and DD, EIA) for the rail section Veles-Bitola, Corridor X-d	Project documentation										
4.	Preparation of project documentation (FS, CBA with PD and DD, EIA) for the rail section Skopje-Kicevo, Rail Corridor VIII	Project documentation WBIF approved grant funding in amount of 300.000 EUR for preparation of Pre-feasibility study.					WBIF					
5.	Project documentation for signaling and telecommunications systems on the Rail Corridor X	Project documentation										
6.	Preparation of project documentation for cycle pads in selected cities in North Macedonia	Project documentation										
7.	Preparation of Urban mobility plan for Skopje	Strategic document					IPA II					
8.	Preparation of Implementation plan for the NTS	Strategic document					IPA II					
9.	Preparation of ITS strategy for the transport sector in the Republic of North Macedonia	Strategic document										
10.	Preparation of National Aviation Strategy	Strategic document					IPA II					
11.	Project for improvement of the local road network						WB					

12.	Preparation of study for improvement of the conditions of the wider/ancillary rail network in the country (Veles- Kocani, Skopje- border with Kosovo, Kicevo- Sopotnica)	Project documentation							
13.	Capacity extension of the railway border crossings (Tabanovce, Bogorodica, Kremenica, Blace)	Project documentation							This project will be implemented under a programme funded directly by DEU.
14.	Digitalization in the railway infrastructure sector	Project documentation and supply							
15.	Supply of railway maintenance machinery and equipment	Supply							
16.	Construction of new high speed rail Corridor X in accordance with TEN-T standards including railway connection between the main railway passenger station in Skopje with Skopje Airport	Project documentation				TBD			

Environnement

Nr. Crt	Project title(sector included)	Project brief description (location included)	Project Stage* (Maturity)	Project duration (preparation+ implementation)	Total Investment cost	Grant/ Source	Loan/ Source	Timeline	Who	National Co- 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.	200 million EUR (Construction works + Supervision)	ERI Grant WBIF Investment Grant WBIF-TA	EIB/EBRD WBIF	05.2022 – 05.2027	MoF MoEPP City of Skopje PUC Vodovod and Kanalizacija		135
2	Construction of WWTP and upgrading and extension of the sewage network in 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 prepared in 2018. implementation W: 30 months (24 W+ 12 DLP)	37 million EUR (Construction works + Supervision)	Programmed in IPA III, SOP 2024-27		2026 - 2030	DEU will support the revision of the Technical documentation (TA). JASPERS involved	11 million EUR	124
3	Construction of WWTP and upgrading and extension of the sewage network in 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 prepared in 2018. Implementation W: 30 months (24 W+ 12 DLP)	32 million EUR (Construction works + Supervision)		Possible: EBRD WBIF Bilateral donors	2026 - 2030	DEU is supporting the revision of the technical documentation (TA). JASPERS involvement		124
4	Construction of main collector in Municipality of Vinica and connection to the WWTP Kocani	The purpose of the infrastructure project is the connection of the sewage network in the Municipality of Vinica to WWTP Kocani	3.mature	FS, EIA, CBA prepared. Ongoing is revision of project documentation	14.1 million EUR (Construction works + Supervision)	SDC-supported development of technical and tender documentation. Project programmed in IPA III, AD2022		2024 - 2026	SDC EUD supports the revision of technical and tender documentation MoEPP JASPERS involvement		124
5	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. Revision in progress due to changes in the scope of the project.	8.4 million EUR (Construction works + Supervision)	TA Spanish Embassy Grant for Technical assistance.	Loan/WBIF		MoEPP Municipality of Ohrid Municipality of Struga		124
6	Establishment of Integrated and Financially Sustainable Regional Waste Management System in East and North-East Regions and supervision activities (I phase)	The purpose of the projects is to establish an integrated and financially self-sustainable waste management system in the East and Northeast regions phase. The project's first phase includes establishing a central waste facility and transfer stations, supply of waste collection equipment.	3.mature	FS, EIA, CBA, design, and tender documentation were completed in 2017. Revision of tender documents is ongoing.	30 MEUR	EU IPA II		2023-2026	MoEPP EUD		123
7	Establishing a regional waste management system in Polog, Pelagonija, Vardar, Southwest and Southeast region	The purpose of the infrastructure project is construction of waste management facilities in Polog, Pelagonija, Vardar, Southwest and Southeast region In order to establish integrated regional solid waste management system.	2.	For VSE region FS, EIA and TD prepared for Vardar region, 2017. 24 months (12 W+ 12 DLP) FS, EIA and TD for PSW prepared in 2017. FS, EIA and TD for Polog prepared, 2020. 24 months (12 W+ 12 DLP)	Total investment 55 million EUR WBIF Grant 22 million EUR		EBRD WBIF Bilateral donor	2022 – 2024 for preparation of technical documentation	EBRD/WBIF and bilateral donor for TA		121

Nr. Crt	Project title(sector included)	Project brief description (location included)	Project Stage* (Maturity)	Project duration (preparation+ implementation)	Total Investment cost	Grant/ Source	Loan/ Source	Timeline	Who	National Co- financing	SR Score
8	Establishment of Integrated and Financially Sustainable Regional Waste Management System in East and North-East Regions and supervision activities (II phase)	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.	2.	Tender documentation not prepared. 24 months	26.095 million EUR (Construction works + Supervision)	Phase II programmed in IPA III OP 2024-2027 (revision of Technical documentation and tender documentation)		2026-2032	EU MoEPP	10.405 million EUR	118
9	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	2.	FS, EIA and TD prepared. 24 months (12 W+ 12 DLP)	120 million EUR (Construction works+ Supervision + Supply) (Additional 50 mill EUR to include Drisla central facility) Programmed in IPA III, AD 2021 for preparation of	Loan WBIF	Loan WBIF	2024-2026 only for preparation of technical documentation	TA provided by DEU for revision of the Technical Documentation in 2021.		124
10	Clean-up Activities for Alpha-HCH, Beta- HCH and Lindane Contaminated Sites at OHIS (smaller dumpsite)	The project purpose is to setup 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 their adverse effects by reducing and eliminating the releases of and exposure to HCHs(Small dumpsite)	3.mature	2015 - ongoing	3,5 million (only for cleaning of the small dumpsite 2,25 mill.USD provided by GEF) Total value of cleaning - approximately 9 mill	GEF - 2,25 mil USD Norway ? NM contribution Other sources not secured (from IPA III- 2,5 million planned for 2021.) Possible 3 million from Multipartner Donor Fund		2015-ongoing Estimated deadline 2027			116
10a	Clean-up Activities for Alpha-HCH, Beta- HCH and Lindane Contaminated Sites at OHIS (large dumpsite)	The project purpose is to setup 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 their adverse effects by reducing and eliminating the releases of and exposure to HCHs (Large dumpsite)	1.not mature	Existing technical documentation to be revised	Approximately 80 million USD	Sources not secured					116
NOT MATURE PROJECTS											
11	Reconstruction and upgrading of the priority sewage network in Skopje	Based on the FOPIP and Inflow and Infiltration Study, reconstruction of priority sewerage network in Skopje	1 not mature	No technical documentation. Inflow and Infiltration Study prepared by EBRD in 2022.	54,198 million EUR	The City of Skopje				54,198 million EUR	121
12	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	≈ 23.5millionEUR (Construction works + Supervision)	Not secured	Possible: EBRD WBIF Bilateral donors				120

Nr. Crt	Project title(sector included)	Project brief description (location included)	Project Stage* (Maturity)	Project duration (preparation+ implementation)	Total Investment cost	Grant/ Source	Loan/ Source	Timeline	Who	National Co- financing	SR Score
13	Rehabilitation and Upgrading of the Sewerage Network in the Municipality of Prilep	Based on the Investment Programme for Water Supply and Waste Water (2017)	1. not mature	No technical documentation	10 million EUR (Construction works + Supervision)	Not secured		2025-2033	MoEPP and Municipality of Prilep		119
14	Rehabilitation and Upgrading of the Sewerage Network in the Municipality of Strumica	Based on the Investment Programme for Water Supply and Waste Water (2017)	1. not mature	No technical documentation	22 million EUR (Construction works + Supervision)	Not secured		2023-2034	MoEPP and Municipality of Strumica		119
15	Construction of WWTP and Rehabilitation and Upgrading of the Sewerage Network in the Municipality of Kisela Voda, Drachevo	Based on the Investment Programme for Water Supply and Waste Water (2017)	1. not mature	No technical documentation	20 million EUR (Construction works + Supervision)	Not secured		2025-2034	MoEPP and Municipality of Drachevo		119
16	Construction of WWTP, Rehabilitation and Upgrading of the Sewerage Network in the Municipality of Kriva Palanka	Based on the Investment Programme for Water Supply and Waste Water (2017)	1. not mature	No technical documentation	10 million EUR (Construction works + Supervision)	Not secured		2027-2036	MoEPP and Municipality of Kriva Palanka		119
17	Construction of WWTP, Rehabilitation and Upgrading of the Sewerage Network in the Municipality of Negotino	Based on the Investment Programme for Water Supply and Waste Water (2017)	1. not mature	No technical documentation	10.5 million EUR (Construction works + Supervision)	Not secured		2027-2036	MoEPP and Municipality of Negotino		119
18	Construction of WWTP, Extension and Rehabilitation of the Sewerage Network in the Municipality of Delchevo	Based on the Investment Programme for Water Supply and Waste Water (2017)	1. not mature	No technical documentation	8.5 million EUR (Construction works + Supervision)	Not secured		2027-2032	MoEPP and Municipality of Delchevo		119
19	Construction of WWTP, Extension and Rehabilitation of the Sewerage Network in the Municipality of Probishtip	Based on the Investment Programme for Water Supply and Waste Water (2017)	1. not mature	No technical documentation	8.5 million EUR (Construction works + Supervision)	Not secured		2027-2034	MoEPP and Municipality of Probishtip		119
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	≈ 12.5 million EUR (Construction works + Supervision)	Planned from IPA III, SOP 2024-27	Possible: EBRD WBI Bilateral donors				118
21	Construction of WWTP and Rehabilitation and Upgrading of the Sewerage Network in the Municipality of Sveti Nikole	Based on the Investment Programme for Water Supply and Waste Water (2017)	1. not mature	No technical documentation	6 million EUR (Construction works + Supervision)	Not secured		2024-2026	MoEPP and Municipality of Sveti Nikole		118
22	Construction of WWTP (tertiary treatment) and Rehabilitation of the Sewerage Network in the Municipality of Kichevo	Based on the Investment Programme for Water Supply and Waste Water (2017)	1. not mature	No technical documentation	24 million EUR (Construction works + Supervision)	Not secured		2025-2035	MoEPP and Municipality of Kichevo		117

Nr. Crt	Project title(sector included)	Project brief description (location included)	Project Stage* (Maturity)	Project duration (preparation+ implementation)	Total Investment cost	Grant/ Source	Loan/ Source	Timeline	Who	National Co- financing	SR Score
23	Rehabilitation and Upgrading of the Sewerage Network in the Municipality of Radovich	Based on the Investment Programme for Water Supply and Waste Water (2017)	1. not mature	No technical documentation	6 million EUR (Construction works + Supervision)	Not secured		2024-2034	MoEPP and Municipality of Radovich		117
24	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.	≈ 9.5 million EUR (Construction works + Supervision)	Not secured	Possible: EBRD WBIF Bilateral donors				116
25	Rehabilitation of the Sewerage Network in the Municipality of Gevgelija	Based on the Investment Programme for Water Supply and Waste Water (2017)	1. not mature	No technical documentation	7 million EUR (Construction works + Supervision)	Not secured		2026-2037	MoEPP and Municipality of Gevgelija		113
26	Construction of WWTP and Rehabilitation and Extension of the Sewerage Network in the Municipality of Teartse	Based on the Investment Programme for Water Supply and Waste Water (2017)	1. not mature	No technical documentation	20.5 million EUR (Construction works + Supervision)	Not secured		2034-2037	MoEPP and Municipality of Teartse		109
INDUSTRIAL HOTSPOTS											
27	Excavation and on/ or off site remediation of the chromium dumpsite in Jegunovce	Elimination of industrial hotspots in the country through remediation.	1. not mature	Pre FS exist (2003)	12.7 million EUR						102
28	Remediation and recultivation of the lead and zinc dumpsite in Probistip.	Elimination of industrial hotspots in the country through the development of remediation.	1. not mature	Technical documentation prepared (2010)	4.3 million EUR						98
29	Excavation and sludge recycling of the Dumpsite in Zelezara, Skopje	Elimination of industrial hotspots in the country through Remediation.	1. not mature	No technical documentation	8 million EUR						97
30	Excavation and offsite remediation of the lead ,zinc and cadmium dumpsite in Veles	Elimination of industrial hotspots in the country through the cleanup of the	1. not mature	No technical documentation	23.6 million EUR EUR						97

ENERGY

Section 1 On-going projects (in implementation phase)									
Nr.	Project title (sector included) ENERGY	Project brief description (location included)	Project duration (preparation+ implementation)	Total investment cost	Grant/ Source	Loan/ Source	National Co- financing	SR Score	IL
21.	400 kV Interconnection Bitola (MK) - Elbasan (AL), the MK part and 400/110 kV SS Ohrid	"For the Republic of North Macedonia, the Corridor 8 has a strategic significance whose completion will be done with the interconnection of the Macedonian, Albanian and Italian power systems (the interconnection between the Macedonian and Bulgarian power systems was done in January 2009). This project has a regional significance and PEI status (Project of Energy Community Interest) with a decision of the EnC Ministerial Council from 14.10.2016. Considering the development of the Macedonian transmission network, the problems that exist in the southwestern part will be solved by building a new 400/110 kV substation in the Ohrid-Struga region, connected by tapping the 400 kV OHL Bitola (MK) - Elbasan (AL)."	2020-2026	€ 32.673.500	WBIF € 9.000.000	EBRD € 21.763.500	MEPSO € 150.000	4,56	
22.	Gas Interconnector North 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 North 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.	2023-2026	€ 87.835.000	12.45m WBIF	29m from EIB and 57.835m EBRD (subject to approval)		4,36	
23.	Rehabilitation of 6 HPPs – Phase III	Third phase of rehabilitation of the 6 large hydropower plants (HES Mavrovo with HPP Vrutok, HPP Vrben and HPP Raven; HES Crn Drim with HPP Globochica and HPP Spilje; and HPP Tikves - in total 452.2 MW) -for increasing their installed capacity, reliability and operational efficiency, extension of operational lifetime and avoiding of CO2 emissions.	2023-2027	€ 36.200.000	WBIF €11.200.000 Investment Grant	KfW (Loan Agreement for € 25.000.000 is signed in 2023)		3,37	
24.	Energy Efficiency Fund	The Energy efficiency Fund will be established in the Development Bank of North Macedonia in 2024, as long-term financing mechanism for energy efficiency projects of public sector, private sector and in the future households. Initial capital is provided through WB loan.	2024-2027	€ 40.400.000	€ 2.100.000 WBIF	€ 5.000.000 WB	€ 10.000.000 Green Bond		IL
25.	HPP Cebren	Construction of Reversible HPP Cebren and dam Orlov Kamen with minimum installed capacity of 333 MW	202-2030	€ 800.000.000	WBIF € 1.000.000 for ESIA			2,96	
26.	Gas Distribution Network	Construction of distribution gas pipeline The general description is enclosed as Executive summary of the Feasibility Study for PPP for construction of distribution network in the Republic of North Macedonia.	2020-2025	At least € 220.000.000				2,91	
27.	Wind Park Bogdanci – Phase II	The Phase II of the Project includes wind turbines with a total installed capacity of 13.2 up to 15 MW, which will be located in the wider area of the existing Wind Park Bogdanci – Phase I in the Municipality of Bogdanci, contributing for increasing the share of renewable sources in AD ESM – Skopje's portfolio, as well as expected additional energy generation of 46 GWh/year.	2019 - 2026	€ 36.000.000 + indexation	WBIF € 9.200.000 Investment Grant	KfW € 18.000.000	€ 3.000.000 approved by MB	2,43	
28.	District Heating System Bitola	Main pipeline from MPC Bitola to City of Bitola and district heating network in the City	2019-2025 (DNP: 2026 – 2027)	€ 46.450.000		KfW € 39.000.000	ESM: € 7.450.000	1,62	

29.	Revitalization/reconstruction of 110 kV transmission line	The process of aging of the transmission lines has a significant impact on the operation of the system and network planning. Older transmission lines may jeopardize the reliability and security of the overall system. In the upcoming years, MEPSO will phase the "replacement wave" of obsolete 110 kV transmission lines, transformers and equipment. The first package for revitalization/reconstruction of overhead lines (6) and substations (13) is in progress	2018-2029	€ 32.670.000		EBRD € 8.250.000	MEPSO € 24.420.000	1,54	
30.	Strengthening the transmission network in the south-east region	The realization of the project enables the evacuation of the production of the planned RES (hydro, wind and photovoltaic power plants).	2026	€ 43.381.000	WBIF € 8.960.000	EBRD € 26.400.000	MEPSO € 8.021.000	1,48	IL
31.	Photovoltaic power plant Bitola I	Supply and installation of 20MW PVPP in the region of TPP Bitola.	2021-2025	€ 17.500.000	WBIF € 5.124.802 Investment grant (for both PVPP Oslomej II and PVPP Bitola I)	€ 25.000.000 EBRD (for both PVPP Oslomej II and PVPP Bitola I)		1,47	
32.	Photovoltaic power plant Oslomej II	Supply and installation of 10MW PVPP on the former lignite coal mine.	2021-2025	€ 7.500.000	WBIF € 5.124.802 Investment grant (for both PVPP Oslomej II and PVPP Bitola I)	€ 25.000.000 EBRD (for both PVPP Oslomej II and PVPP Bitola I)		1,47	
33.	Photovoltaic power plant Bitola II	Supply and installation of 60MW PVPP on the former lignite coal mine.	2021 - 2027	€ 37.000.000	KfW grant of € 660.000 (for PVPP Bitola II and PVPP Bitola III) for FS, including ESIA			1,33	
34.	Photovoltaic power plant Bitola III	Supply and installation of 100MW PVPP on the former lignite coal mine.	2021 - 2027	€ 65.000.000	KfW grant of € 660.000 (for PVPP Bitola II and PVPP Bitola III) for FS including ESIA			1,33	
35.	Strengthening the transmission network in the western region 110 kV overhead lines Gostivar-Kicevo- Bitola	Security analyses (N-1) show that in the western region during wet hydrology (with maximum engagement of HPP Kozjak and HPP Sv. Petka and nominal production TPP Oslomej) for contingency cases, followed by photovoltaic power plants integration in this part of the grid, appear critical loads on these 110 kV OHTLs: SS Gostivar -TPP Oslomej -SS Kichevo-SS Sopotnica- SS Bitola 1, as well as the line HPP Kozjak- HPP Sv.Petka - SS Skopje 3. The problem with the overloading in the western region is planned to be solved with a reconstruction/revitalization of the entire 110 kV section Gostivar - Oslomej - Kicevo - Sopotnica - Bitola 1, using low sag high ampacity conductors (AAAC)	2026	€ 8.275.000			MEPSO € 8.275.000	1,03	IL
36.	Smart grid technology for power system management, digital and green substations	In order to introduce modern smart components in the transmission network, MEPSO will implement a package of projects that will enable better monitoring and management of the network and uniformed distribution of power flows and asset management. Additionally, MEPSO will digitalize the substations Bitola 2 and Sopotnica.	2026	€ 14.110.000				0,74	IL

Section 2 Identified mature projects										
Nr.	Project title (sector included) ENERGY	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	IL
1.	Gas Interconnector Republic of North Macedonia – Serbia	Natural gas diversification i.e. natural gas supply of other sources in the Republic of North Macedonia and possibility for transit of natural gas from Greece through North Macedonia to Serbia. Infrastructure project for the section Klechovce-Sopot (border with Serbia) was prepared for the gas interconnection Republic of North Macedonia - Serbia. The general description is enclosed as Executive summary of the Feasibility Study for gas supply system in the Republic of North Macedonia with preliminary design.	3 mature	2025-2026	€ 23.950.000			* no sources of funds are defined	2,96	IL
2.	Gas Interconnection Republic of North Macedonia – Republic of Kosovo	Diversification and transit of natural gas supply in the Republic of North Macedonia and Republic of Kosovo and the liberalization of South-eastern Europe's energy market. Connecting the Republic of North Macedonia with the region (market integration) would lead to economic, financial and social benefit. Stability in energy supply, primarily in the industry which will lead to economic development of all regions in the Republic of North Macedonia.	4 Mature	2024-2026	Estimated € 22.950.000				2,92	
3.	Wind Park Miravci	Establishment of a Wind Park with a minimum installed capacity of 50 MW with an envisaged nominal annual power generation of 150 GWh. The Project will be located in the area of the Village of Miravci, Municipality of Gevgelija	2	2021 - 2027	€ 70 - 80.000.000	KfW grant € 2.420.000, (for pre-FS and ESIA for 5 RE projects part of the RE Program ESM, among which is WP Miravci)			2,34	
4.	Gas Interconnection North Macedonia - Albania	This project will ensure the diversification of natural gas sources and supply routes and the liberalization of South-eastern Europe's energy market. Also, the Interconnector MK-AL could provide additional capacity from TAP and access to the storage/LNG terminal.	3	2025-2026	€ 27.000.000				1,84	

5.	Main gas pipeline sections: Gostivar-Kichevo, Sveti Nikole-Veles, Branch to Gevgelija, Branch to TPP Negotino, Branches to TIDZ, Kichevo-Ohrid, Ohrid-Bitola, Supervision	The main purpose of the construction of this main gas pipeline section arises from the strategic commitment of the Government of the Republic of North 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 These main gas pipelines will allow access to natural gas in the cities and access to the technological industrial development zones covered in the second phase of construction of the National Gas Pipeline System in Republic of North Macedonia.	3 mature	2023-2028	€ 189.800.000		EBRD and NOMA gas Skopje		1,53	
6.	Renovation Plan for Central Government Buildings	The overall objective for the Renovation Plan is to achieve energy efficiency improvements in the buildings sector and help to meet the strategic targets as outlined in the national strategic documents.	2	2024-2027	€ 9.400.000			€ 620.000		IL

Section 3 non-mature projects (project documentation, strategic documents)										
Nr.	Project title (sector included) ENERGY	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	IL
1.	Combined-Cycle Gas Turbine (CCGT) Power Plant Negotino	Construction of new 250-500 MW Combined-Cycle Gas Turbine (CCGT) Power Plant in Negotino on hydrogen/natural gas	3	2024 - 2030	€ 300 – 600.000.000				1,51	IL
2.	Strengthening the transmission network in the Northeast region	Due to the integration of large capacity of renewable energy sources from wind and solar, increasing of the load in the northeast region at a medium and long term and due to the breach of the N-1 security rule, it is necessary to build a new 400/110 kVSS Kumanovo, together with the unbundling of the 110 kV lines and redistribution of loads between 110 kV SS Kumanovo 1, 110 kV SS Kumanovo 2 and the new 110 kV SS Kumanovo 3.	3	2032	€ 17.220.000				1,03	IL
3.	Construction of new 400kV hubs for easy integration and network access of RES	The realization of the project enables the evacuation of the production of the planned RES (wind and photovoltaic power plants).	3	2026	€ 50.000.000				1,42	IL
4.	Strengthening the transmission network in the western region	The transmission lines in the western region need reconstruction and strengthening in the mid/long term due to the aging, upgrade/expansion of the hydro and RES capacities and to solve the problem of high loading of the local network. The problem is particularly evident in wet hydrology when there is a bottleneck for the evacuation of HPPs production. This problem will be solved by using low sag high ampacity conductors (AAAC).	3	2032	€ 6.550.000				0,74	
5.	Photovoltaic power plant Bogdanci with Battery Energy Storage System	With the construction of the PVPP Bogdanci, near the existing Wind Park Bogdanci, the participation from renewable energy sources will be increased by up to 25 MW, and electricity generation will be approximately 35 GWh per year. The installation of battery energy storage system nearby the PVPP, will increase the availability for balancing the entire power system in Republic of North Macedonia.	3	2024 - 2026	€ 30.000.000				1,16	
6.	Tenovo-Kozjak Tunnel (HPP Raven to HPP Kozjak)	Obtaining new water quantities in HPPs in River Treska	3	2017 - 2030	€ 125.000.000				0,95	
7.	Solar District Heating Bitola	The follow up phase of Bitola Solar District Heating (Bitola SDH) project, will increase the share of renewable energy in the Country's energy mix, while focusing on heating sector, with capacity of 20-30 MWt	3	2024-2030	€ 40-50.000.000				0,87	IL
8.	Combined-Cycle Gas Turbine Power Plant in Bitola	Construction of new 250 MW Combined-Cycle Gas Turbine (CCGT) Power Plant in Bitola on hydrogen/natural gas	3	2024 - 2030	€ 300-400.000.000				0,93	IL
9.	PAHE Tashmarunishta	Construction of new PAHE Tashmarunishta, with an installed capacity of 225 (3 x 75) MW	3	2010 - 2030	€ 80.000.000 according to preliminary solution (2010)				0,70	
10.	Zletovica I and II Phase	Irrigation phase and small hydro power plants	3	2024					0,69	
11.	Vardar Valley	Construction of 5 small dams and HPPs with total capacity of 29,41 MW	3	2017 - 2032	€ 160-170.000.000				0,92	

12.	Reversible HPP Kozjak-HPP Sv Petka	Construction of new HPP or reconstruction of the existing classic to reversible HPP	3	2020 - 2028	€ 70.000.000				0,70	
13.	Floating photovoltaic power plants at the area of Debar accumulation-FPVPP Shpilje	Construction of new floating PV plants at the area of Debar accumulation	3	2024-2030	€ 86.000.000				0,86	
14.	HPP Shpilje 2	Hydropower plant Spilje was designed and constructed with installed capacity of 66MW, with the revitalization of the main equipment of the hydropower plant, performed from 1997 to 1999, the installed capacity of HPP Spilje is increased to 84MW, and has an average annual generation of 300GWh. Project benefits: • HPP operation will change from base load to peak load capacity; • Reducing of maintenance and operating costs; • Improved system regulation, reserve capacity increase and frequency	3	2016 - 2030	€ 22.000.000				0,93	
15.	HPP Globocica 2	The Hydro-Power System (HPS) on the Crn Drim (Black Drin) is the highest capacity hydro-power system compared to the others in North Macedonia. Its contribution to electricity production in the share of North Macedonia's hydro-power plants is around 35%. Both power-plants Globocica and Spilje contribute on average about 450-500GWh generated electricity in to the power system of North Macedonia. HPP Globocica as the first plant on the Black Drin is a combined (accumulation and derivation) power plant, with installed capacity of each of the two units is 25m3/s or 50m3/sal together, i.e. a total installed capacity of 42 MW, with average annual production of 190GWh. By increasing the installed capacity of HPP Globocica through the construction of an additional hydro-power plant Globocica 2 as a new dam power plant, several benefits will be gained such as: * avoidance or reduction of overflows during periods of high inflows, * additional production of HPP Globocica will reduce overflows, * higher power involved at HPP Globocica in periods of high tariff, such as peak power plants	3	2018 - 2030	€ 21.000.000				0,93	
16.	Modernization and Upgrading of the Complex Energetika	The Project consists of several components of the different structures and systems, as follows: Renewable energy generation components: Installation of photovoltaic panels at the roofs of buildings in the ownership of AD ESM as well as at the roofs of buildings owned by other interested companies in the Zelezarnica complex and Construction of Solar District Heating for supply of the consumers in Zelezara settlement with heating, hot water and if possible, cooling and Energy Efficiency components: 1. Reconstruction of SS Sever and SS Jug; 2. Energy efficiency measures in the facilities of Energetika Complex; 3. Reconstruction and modernization of the electricity distribution network and implementation of smart grid management; and 4. Increasing of energy efficiency in the generation with upgrading of the cogeneration plant with 50 MW gas turbine arranged in the combined cycle.	2	2021 - 2025	€ 88.000.000	KfW grant € 2.420.000 (for pre-FS and ESIA for 5 RE projects part of the RE Program ESM, among which is Modernization and Upgrading of Complex Energetika - Skopje)			1,35	
17.	SCADA, Software for planning of electricity generation and trading	Replacement of the existing system for planning and managing the generating units. Optimization of electricity production will be enabled by hiring the generating units that are economically most profitable for use in the given planning period.	3	2023 - 2025	€ 6.000.000				0,933	IL

18.	Battery Storage	Investment in balancing capacities – Battery Storage Systems, next to the future large solar PV plants in Bitola, Shtip and Kichevo. An initial capacity of up to 300MWh of batteries will be sufficient for the first stage, for up to 1880MW solar PV Plants, planned in the area of Municipality of Shtip; the area of TPP Oslomej (Municipality of Kichevo), and the area of TPP Bitola.	3	2024 - 2030	€ 100.000.000				0,98	IL
19.	Hydropower Plant Negotino	The supply of water from the Vardar River is carried out with the help of: slow building, intake building and pumping station. A retaining structure is intended for regulating the water level in the river upstream of the dam. Installed power: 2 x 4 = 8 [MW] Annual energy production: 30 [GWh]	3	2025 - 2027	€ 16.000.000				0,93	
20.	Improvement and Upgrade of Skopje District Heating Network	The purpose of the Project is to create a more sustainable, cost-effective, and efficient district heating for Skopje. By integrating renewable energy sources, optimizing heat resources from CHPs and industrial waste, and strategically upgrading the network, the aim is to improve the system's reliability, reduce environmental impact, and potentially lower costs for consumers.	3	2025 – 2032	€ 93.200.000				0,93	IL
21.	In-out connection of 110 kV OHTL HPP Vrutok – SS Skopje 1 in SS Tetovo	Due to the increase in the load in the electric power system, there is overloading in the network in the northwestern region. The problem may be solved with additional configuration of the 110 kV network in the region of Polog.	3	2027	€ 5.060.000				0,89	

Human capital 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	NationalCo-financing	SR Score
1	Rehabilitation of Health Provider Institutions-Phase II, Component II- Consolidation of the Regional Clinical Hospital in Shtip	To contribute to the implementation of the road map for restructuring of the health sector by establishing the new network of modern regional clinical hospital in Shtip	3.MATURE	Started in 2011 – estimated duration for implementation 2022	EUR 57,537,478(net of VAT)	1.400.000€ 15th round TA WBIF	EUR 26,937,458		115
2	Improvement of treatment conditions of disadvantaged groups in psychiatric hospital in Demir Hisar	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 same place to build a new hospital according European standard.	3.MATURE	TBD	3.000.000.00 EUR -	300.000USD Donation from NAVFAC			109
3	Straightening interdisciplinary medical approach through Establishment of Palliative Care Centers	Current organizational arrangements and accountabilities for palliative care is fragmented and based on existing provider facilities in Skopje and Bitola, the purpose of Establishment of Palliative Care Centers is building and repurposing existing buildings into palliative centers in order provide palliative service to the population in alignment best practice recommendations from the European Association for Palliative Care		TBD	To be Defined				97
4	Consolidation of Healthcare providers infrastructure	Regionalization and decentralization of the health services by building 1 University Clinical Center, 3 Regional Clinical Hospitals, 2 Regional General Hospitals and 1 City General Hospital		TBD – estimated duration 7 years	EUR 500 000 000				95
5	Support to children's right for healthy mental development trough establishment of Child and Adolescent Psychiatric Services	Current organizational arrangements and accountabilities for Child and adolescent mental health (CAMH) are distributed and fragmented and based on existing provider facilities and locations. The main objective of the proposed CAMH strategy is to establish a sustainable, comprehensive, efficient National service to a common standard throughout the Republic. The purpose of CAMH project for development and expansion of services throughout North Macedonia is a 'hub and spoke' model. According to this model 6 main hub centres sited in the larger centres of the defined catchment populations should be created.		TBD – estimated Duration 3 years	Aprox.8.5 mil eur				95

6	Modernization and "greening" of General Hospital 8 th September	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,	3.MATURE		apx 20.000,00 eur for design reconstruction cost estimation: 20.000.000 eur			2.500.000€- MoHhas provided Still needs 1.500.000€	87
7	Toward modern health and equal access to services by construction General Hospital in Kicevo	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	2021-2023	I phase – 3.410.000 EURinc. VAT approved by MF for Construction works II phase – 4.900.000 EURexc.VAT				87
8	Decarbonization of the Health sector buildings	Increased energy performance of the buildings of the Public Health Institutions in the country, resulting in savings that can be reinvested for further improvement of the energy performance of the buildings and facilitate the implementation of the EPBD (Energy Performance of Buildings Directive 2010/31/EU)		Start 2023 – estimated duration 5 years	To be Defined				81
9	Establishment of first National Center for treatment of Cystic Fibrosis in adults and children in the Institute for respiratory diseases - Kozle	The basic programme requirements and criteria for the preparation of the project documentation in question cover: 1.Center for palliative care for children 2. Center for cystic fibrosis in children The subject of this programme is the complete revision of premises for a functional palliative care center and a center 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. (SKOPJE)	Mature		Construction works: 1.500.000 euros Supervision of the renovation: 300.000,00 euros				71

10	<p>Construction of 30 physical education facilities in primary schools, acquisition of equipment and energy efficient reconstruction of primary and secondary schools Phase III)</p>	<p>The Project fits in the larger programme that the Ministry of Education and Science (MoES) is promoting to improve performance of students in school subjects, strengthen their health condition, increase enrolment rates, and foster rural development through offering a better environment for learning, including physical education.</p> <p>The proposed project will enable promotion of higher standards in construction, renewable energy sources PV systems implementation, achieving electrical energy independence, designs, maintenance plans and costs to ensure the sustainability and quality of investments.</p> <p>The current unbalanced structure of energy tariffs is not stimulating rational consumption of energy, a progressive increase of energy prices even at a low rate, announced publicly, will have, in the long-term, a large impact on technological innovation especially within RES PV solar systems providing decarbonisation and reducing greenhouse gas emissions</p> <p>This Project is in line with the Comprehensive Educational Strategy 2018-2025 and Strategic plan 2024-2026</p>	Mature	2025-2030	<p>53.750.000 EUR</p> <ul style="list-style-type: none"> • Construction works for Physical education facilities: 19.500.000 euro • Supervision of the works: 500.000 euro • Project preparation for energy efficient reconstruction of schools and solar photovoltaic panel systems: 1.500.000 euro • Construction works for energy efficient reconstruction of schools: 30.000.000 Euro • Supervision of the works 750.000 Euro • Installation of solar photovoltaic panel systems: 1.500.000 Euro 				
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11	<p>Rehabilitation for energy efficiency of the 4 State Schools for students with Special Education Needs - Resource Centers</p>	<p>The Project fits in the larger programme that the Ministry of Education and Science (MoES) is aiming to provide equal and adequate conditions for the students with special education needs. In the country there are four state schools that targeting the secondary education of those students which is in line with the policy of inclusion in the education.</p> <p>The proposed project will enable promotion of higher standards in construction, renewable energy sources PV systems implementation, achieving electrical energy independence, designs, maintenance plans and costs to ensure the sustainability and quality of investments.</p> <p>The current unbalanced structure of energy tariffs is not stimulating rational consumption of energy, a progressive increase of energy prices even at a low rate, announced publicly, will have, in the long-term, a large impact on technological innovation especially within RES PV solar systems providing decarbonisation and reducing greenhouse gas emissions</p> <p>This Project is in line with the Comprehensive Educational Strategy 2018-2025 and Strategic plan 2024-2026</p>		2025-2030	<ul style="list-style-type: none"> • Rehabilitation of four State Schools for students with Special Education Needs – 6.000.000,00 euro • Supervision of the works: 150.000 euro • Project preparation for energy efficient reconstruction of schools and solar photovoltaic panel systems: 150.000 euro • Installation of solar photovoltaic panel systems: 150.000 euro 				
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Health 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	NationalCo-financing	SR Score	
1	Rehabilitation of Health Provider Institutions-Phase II, Component II- Consolidation of the Regional Clinical Hospital in Shtip	To contribute to the implementation of the road map for restructuring of the health sector by establishing the new network of modern regional clinical hospital in Shtip	3.MATURE	Started in 2011 – estimated duration for implementation 2022	EUR 57,537,478(net of VAT)	1.400.000€ 15th round TA WBIF	EUR 26,937,458		115	I
2	Improvement of treatment conditions of disadvantaged groups in psychiatric hospital in Demir Hisar	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 same place to build a new hospital according European standard.	3.MATURE	TBD	3.000.000.00 EUR -	300.000USD Donation from NAVFAC			109	I
3	Straightening interdisciplinary medical approach through Establishment of Palliative Care Centers	Current organizational arrangements and accountabilities for palliative care is fragmented and based on existing provider facilities in Skopje and Bitola, the purpose of Establishment of Palliative Care Centers is building and repurposing existing buildings into palliative centers in order provide palliative service to the population in alignment best practice recommendations from the European Association for Palliative Care		TBD	To be Defined				97	I
4	Consolidation of Healthcare providers infrastructure	Regionalization and decentralization of the health services by building 1 University Clinical Center, 3 Regional Clinical Hospitals, 2 Regional General Hospitals and 1 City General Hospital		TBD – estimated duration 7 years	EUR 500 000 000				95	I
5	Support to children's right for healthy mental development through establishment of Child and Adolescent Psychiatric Services	Current organizational arrangements and accountabilities for Child and adolescent mental health (CAMH) are distributed and fragmented and based on existing provider facilities and locations. The main objective of the proposed CAMH strategy is to establish a sustainable, comprehensive, efficient National service to a common standard throughout the Republic. The purpose of CAMH project for development and expansion of services throughout North Macedonia is a 'hub and spoke' model. According to this model 6 main hub centres sited in the larger centres of the defined catchment populations should be created.		TBD – estimated Duration 3 years	Aprox.8.5 mil eur				95	I
6	Modernization and "greening" of General Hospital 8 th September	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,	3.MATURE		apx 20.000,00 eur for design reconstruction cost estimation: 20.000.000 eur			2.500.000€-MoHhas provided Still needs 1.500.000€	87	I

7	Toward modern health and equal access to services by construction General Hospital in Kicevo	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	2021-2023	I phase – 3.410.000 EURinc. VAT approved by MF for Construction works II phase – 4.900.000 EURexc.VAT				87	I
8	Decarbonization of the Health sector buildings	Increased energy performance of the buildings of the Public Health Institutions in the country, resulting in savings that can be reinvested for further improvement of the energy performance of the buildings and facilitate the implementation of the EPBD (Energy Performance of Buildings Directive 2010/31/EU)		Start 2023 – estimated duration 5 years	To be Defined				81	I
9	Establishment of first National Center for treatment of Cystic Fibrosis in adults and children in the Institute for respiratory diseases - Kozle	The basic programme requirements and criteria for the preparation of the project documentation in question cover: 1.Center for palliative care for children 2. Center for cystic fibrosis in children The subject of this programme is the complete revision of premises for a functional palliative care center and a center 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. (SKOPJE)	Mature		Construction works: 1.500.000 euros Supervision of the renovation: 300.000,00 euros				71	I

Employment and social policy

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.	(Re)Construction of Pre-school Education and Care Facilities (MINISTRY OF LABOR AND SOCIAL POLICY)	<p>(Re)Construction and equipping of new and/ or repurposing of existing facilities (kindergartens) for early childhood education and care aiming to increase the accessibility and participation of children aged 3-6 within the pre-school education system.</p> <p>-"Social services improvement project - SSIP" Expanding the access to and improving of the quality of preschool services (foreseen around 17 facilities with 1961 additional places up to 2024) in kindergartens throughout the country) focused on improving access to quality Early Childhood Education and Care (ECEC) services, in particular for children from socially disadvantaged backgrounds (that is, poor children, children with disabilities, and Roma children).</p> <p>"Social services improvement project - SSIP" Expanding the access to and improving of the quality of preschool services aimed at accomplishment of EU rate for enrollment of children in pre-school education and care, in particular for children from socially disadvantaged backgrounds (that is, poor children, children with disabilities, and Roma children), as well capacity building of kindergarten' professionals for improvement of quality of pre-school services.</p>	3. Mature	October 2018 - June 2025	<p>SSIP 1 12.755.859 €</p> <p>SSIP 2 30.000.00 € (total amount tentatively estimated as required and TBD for kindergartens)</p>	<p>1.518.659 € (IPA II, Action Programme 2017 "EU Support for Education, Employment and Social Protection")</p>	World Bank loan	<p>200.728 € (National co-financing due to IPA II projects)</p> <p>1.128.212 € (Allocated 69,385 million MKD in the National Budget for 2024 under Programme Child Protection, Sub-Programme 1533A Construction, Equipping and Maintenance of Child Protection Facilities)</p> <p>(Note: National co-financing in relation to the loan(s) will be additionally negotiated.)</p>	<p>155</p> <p>(Previously scored 158 and the correct scoring according methodology is applied)</p>
2.	Social housing for the families in social risk, including Roma (MINISTRY OF LABOR AND SOCIAL POLICY)	<p>This component corresponds to the on-going project for construction of social housing units (apartments) for persons in social risk, which is co-financed by the project loan of the Council of Europe Development Bank (CEB) (FP1674, 2009). The social housing buildings are planned and have been built through the county, by which the state demonstrates its long-term commitment for more equitable spatial development of housing dwellings and to certain scope equalization of housing standards.</p> <p>The project foresees construction of social housing facilities/ buildings of 1722 housing unit/ apartments in 32 facilities/ buildings with total housing space of 70.848,42m2.</p> <p>24 social housing facilities/ buildings with 1077 housing units/ apartments in total are built by 2023 in 22 municipalities throughout the country.</p> <p>By the end of 2023, overall physical progress of project implementation is approximately 83,5%.</p> <p>Additionally, 5 social housing facilities/ buildings with 645 housing units/ apartments are planned or underway with construction from 2023 and afterwards, in 5 municipalities throughout the country.</p> <p>Part of the newly built apartments has been rented to Roma families and families in social risks.</p>	3. Mature	/	<p>69.900.000 € (This amount includes FP-1674 Loan Project value of 50.700.000 €)</p>	<p>977.084,27 € (IPA II, Action Programme 2017 "EU Support for Education, Employment and Social Protection")</p> <p>3.569.206,57 € (IPA II, Action Programme 2019 "EU for Inclusion")</p> <p>2.500,000 € (IPA III, Annual Action Programme 2024 "EU for Fundamental Rights and Security")</p> <p>2.750.000 € (IPA III, Operational Programme 2024-2027 "Jobs and Opportunities")</p>	CEB Loan on Social housing	<p>25.350.000 € (CEB Loan co-financing)</p> <p>325.200 € (20 million MKD, national budget allocation for local infrastructure in Roma settlements for 2024, budgetary item 130 01 of Ministry of Transport and Communications, sub-item 11, item 488 Capital investment to Local Self-Government Units)</p>	<p>135</p> <p>(Previously scored 100 and the correct scoring according methodology is applied)</p>
3.	New model of managing and (re)construction of retirement homes and homes for elderly persons (MINISTRY OF LABOR AND SOCIAL POLICY) (The previous project No. 12 "Construction of homes for elderly" is integrated in this investment project proposal.)	<p>Establishment of functional managing model and (re)construction, adaptation, modernization and equipping retirement homes and homes for elderly persons.</p> <p>The model will contribute to improving the management of homes and the living conditions of the retired persons who are accommodated in retirement homes managed by the Fund of Pension and Disability Insurance (FPDI) of North Macedonia. As an aspect, the homes of elderly persons that fall under competences of the Ministry of Labour and Social Policy (MLSP) are also considered.</p> <p>The overall goal is to ensure an increased coverage by 20% of pensioners accommodated in retirement homes in accordance with newly-set criteria and (pre)conditions for accommodation in a retirement home for their better living conditions at old age.</p> <p>The project action will encompass significant scope of (re)construction and equipping of the retirement homes.</p> <p>Additionally, main crucial focus will be on setting durable functional coordination of institutions for social protection and social insurance in finding an alternative solution for an accommodation of pensioners and/ or elderly persons with an inability to live independently, as a pre-condition for their accommodation in these facilities. In regard to supporting the care economy, the infrastructure part of the project will have a parallel action to cater for provision and financing of integrated and related social and health services.</p> <p>Certain activities have been initiated, such as completion of project documentation and civil-engineering works for (re)construction/ adaptation and equipping in homes for elderly persons in Probishtip, Kochani and Berovo.</p>	1. Not Mature	2023-2025	TBD	TBD	TBD	<p>5.000.520 € (Allocated 258,46 million MKD in the National Budget for 2022-2024)</p>	<p>87</p> <p>(Previously scored 89 and the correct scoring according methodology is applied)</p>
4	Investments related to deinstitutionalization and prevention of future institutionalization (NEW) (MINISTRY OF LABOR AND SOCIAL POLICY)	<p>(Re)Construction of and equipping community-based and other non-institutional type of social services for the most vulnerable persons, such as children at risk, persons with disabilities, etc.</p> <p>Investments under this component entail:</p> <ul style="list-style-type: none"> (re)construction, adaptation and equipping of social housing units for supported living and accommodation of persons leaving the institutions, as well ensuring their access to community-based services. (re)construction and equipping small group homes and respite/crisis centers. (re)construction, adaptation, modernization and equipping premises for delivery of non-institutional type of services. 	1. Not Mature	2018 - 2028	<p>SSIP 1 4.891.883 €</p> <p>SSIP 2 30.000.00 € (total amount tentatively estimated as required and TBD for social services for long-term care)</p>	<p>1.622.346 € (IPA II, Action Programme 2019 "EU for Inclusion")</p> <p>9.050.000 € (IPA III, Operational Programme 2024-2027 "Jobs and Opportunities")</p> <p>(Additional funds in an amount of around 600.000 € are required to be re-constructed</p>	World Bank (WB) development loan	<p>9.312.948 € (Allocated 572,746 million MKD in the National Budget for 2023 under Programme Social Protection, Sub-Programme 15446 Deinstitutionalization and social services)</p> <p>9.842.911 € (Allocated 605,339 million MKD in the National Budget for 2024 under Programme Social Social Protection, Sub-Programme 15446 Deinstitutionalization and social services)</p>	<p>99</p>

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
		<ul style="list-style-type: none"> delivery of community-based and non-institutional types of social services. improving the adequacy of community-based services with high quality and person-centered to empower people to maintain their autonomy and live-in dignity. 				and equipped also third building in PI Topansko Pole)		200.000 € (National co-financing IPA II, Action Programme 2019 "EU for Inclusion")	

Digitalization

Nr. Crt	Project title (sector included)	Project briefdescription (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	<p>The purpose of the project is to establish national transport optical network/ infrastructure that will serve as common communication highway for interconnecting all governmental, health, educational, local government institutions, areas without commercial networks (and are not planned), as well as locations for free public WiFi in Macedonia.</p> <p>The project is in line with the National Broadband Operational Plan and in line with the technical assistance application for the Feasibility Study for the construction of this network, adopted by WBIF</p>	Approved: Conceptual idea Pre-Feasibility study Feasibility study ongoing	2024-2030	57.131.586	17.360.570 / WBIF & WB	30.000.000 / WB	10.000.000	100
2	EU for Secure Common Government Infrastructure	<p>The project aims to strengthen the government digital infrastructure by creating proper conditions for housing the government ICT systems. A secure and reliable Government Data Center is a key enabler for the digital shift in the e-government services. This project is a part of the Connectivity and Government Infrastructure pillar of the National ICT strategy (in final draft).</p>	Approved: Conceptual idea Pre-Feasibility study	2024-2030	31.000.000				85
3	Establishing Secure Government Network	<p>The aim of the "Establishing Secure Government Network" project is to develop and implement a robust and impregnable network infrastructure tailored exclusively for governmental operations. This initiative is driven by the critical need to safeguard sensitive information, ensure seamless communication among governmental entities, and fortify the nation's cyber defense posture.</p> <p>In response to escalating cyber threats and evolving digital vulnerabilities, this project endeavors to create a state-of-the-art network architecture fortified with cutting-edge encryption protocols, multi-factor authentication mechanisms, and advanced intrusion detection systems. By meticulously designing and deploying a secure network framework, the project seeks to mitigate the risks posed by cyber espionage, data breaches, and other malicious activities targeting governmental assets.</p> <p>This project is a part of the long term National ICT Strategy 2023 - 2030 (in review phase)</p>	Approved: Conceptual idea Pre-Feasibility study	2024-2030	20 M				
4	Government Cloud Computing Center	<p>The "Government Cloud Computing Center" project focuses on establishing a centralized cloud computing infrastructure dedicated to serving governmental entities. This initiative aims to modernize IT operations, enhance scalability, and improve cost-effectiveness by leveraging cloud-based services tailored to meet the unique needs of government agencies. Key objectives include facilitating secure data storage and processing, enabling seamless collaboration, and optimizing resource utilization while ensuring compliance with regulatory requirements and stringent security standards.</p> <p>This project is a part of the long term National ICT Strategy 2023 - 2030 (in review phase)</p>	Approved: Conceptual idea Pre-Feasibility study	2024-2030	35 M				

5	Government Data Center	This project aims to establish a Government Data Center, a centralized facility designed to securely store and manage sensitive governmental data. By consolidating data storage and management resources, this initiative seeks to enhance efficiency, scalability, and security while optimizing resource utilization. This project is a part of the long-term National ICT Strategy 2023 - 2030 (in review phase).	Approved: Conceptual idea Pre-Feasibility study		12 M				
6	Construction/establishment of national educational network	This project focuses on the construction and establishment of a National Educational Network, a comprehensive infrastructure designed to facilitate seamless connectivity and collaboration among educational institutions nationwide. By leveraging advanced networking technologies, this initiative aims to enhance access to educational resources, foster innovative teaching methodologies, and promote knowledge sharing across the education sector. This project is a part of the long-term National ICT Strategy 2023 - 2030 (in review phase).	Approved: Conceptual idea Pre-Feasibility study	2024-2030	20 M				
7	Verifiable Credentials for Government: A Path to Digital Trust and Efficiency	"Verifiable Credentials for Government: Enhancing Digital Trust and Efficiency" aims to revolutionize identity management within government systems. By adopting verifiable credentials technology, the project streamlines processes like citizen authentication and service eligibility verification, promoting digital trust and efficiency. This initiative aligns with the long-term National ICT Strategy 2023 - 2030 (in review phase).	Approved: Conceptual idea Pre-Feasibility study	2024-2030	10 M				
8	Interoperability platform upgrade/replacement	This project entails upgrading or replacing the existing Interoperability Platform, a critical infrastructure facilitating seamless communication and data exchange among various governmental systems and agencies. By modernizing the platform with state-of-the-art technologies and standards, this initiative aims to enhance interoperability, streamline processes, and optimize information sharing across the government ecosystem. This project is a part of the long-term National ICT Strategy 2023 - 2030 (in review phase).	Approved: Conceptual idea Pre-Feasibility study	2024-2030	5 M				
9	Establishing electronic identity	This project focuses on the establishment of an Electronic Identity system, aimed at providing citizens with secure and digitally verifiable identification credentials. By leveraging advanced technologies such as biometrics and encryption, this initiative aims to enhance security, streamline administrative processes, and promote digital inclusion. Through the issuance of electronic identity cards, citizens can securely access online services, participate in e-voting, and engage in digital transactions with confidence. This project aligns with the long-term National ICT Strategy 2023 - 2030 (in review phase), aiming to modernize identity management systems and promote the digital transformation of governance.	Approved: Conceptual idea Pre-Feasibility study	2024-2030	15 M				
10	Improving the Open Data Portal and increasing its utilization	This project is dedicated to improving the Open Data Portal and increasing its utilization as a vital resource for accessing and sharing government data with the public. By enhancing the portal's functionality, user interface, and data quality, this initiative aims to promote transparency, innovation, and collaboration across various sectors. Through targeted outreach and capacity-building efforts, the project seeks to empower stakeholders to leverage open data for informed decision-making and civic engagement. This project is a part of the long-term National ICT Strategy 2023 - 2030 (in review phase).	Approved: Conceptual idea Pre-Feasibility study	2024-2030	4 M				
11	Open platform for management (monitoring) of the progress of public projects	This project focuses on creating an Open Platform for the management and monitoring of the progress of public projects. By establishing a transparent and accessible platform, stakeholders can track the status, milestones, and performance of government initiatives in real-time. This initiative aims to enhance accountability, foster public trust, and facilitate collaboration among government agencies, citizens, and other stakeholders in driving project success. This project is a part of the long-term National ICT Strategy 2023 - 2030 (in review phase).	Approved: Conceptual idea Pre-Feasibility study	2024-2030	3 M				
12	Development of cross-border e-services	This project aims to develop cross-border e-services, enabling seamless digital interactions and transactions between different countries. By harmonizing regulatory frameworks, interoperability standards, and technological infrastructures, this initiative seeks to facilitate cross-border trade, collaboration, and communication. Through the provision of e-services such as digital customs, visa applications, and trade documentation, the project	Approved: Conceptual idea Pre-Feasibility study	2024-2030	10 M				

		endeavors to enhance efficiency, reduce administrative burdens, and foster economic integration across borders. This project is a part of the long-term National ICT Strategy 2023 - 2030 (in review phase).							
13	Digital wallet system according to the European Digital Identity framework	This project focuses on implementing a Digital Wallet System aligned with the European Digital Identity framework. By adhering to standardized protocols and security measures outlined in the framework, this initiative aims to provide citizens with a secure and interoperable platform for managing their digital identities and accessing online services across Europe. Through the integration of features such as electronic signatures, authentication, and data protection mechanisms, the Digital Wallet System seeks to streamline user experiences, enhance trust in digital transactions, and promote seamless cross-border interactions within the European Union. This project is a part of the long-term National ICT Strategy 2023 - 2030 (in review phase).	Approved: Conceptual idea Pre-Feasibility study	2024-2030	15 M				
14	National Digital Assets Center	This project entails the establishment of a National Digital Assets Center, serving as a centralized hub for the management, storage, and utilization of digital assets at a national level. By creating a secure and scalable infrastructure, this initiative aims to facilitate the storage and exchange of digital assets such as digital certificates, source-codes, designs, art, and any kind of intellectual property owned by the government. Through robust security measures, regulatory compliance, and innovative technologies, the center seeks to foster growth, innovation, and trust in the digital economy while safeguarding national interests and promoting economic development.	Approved: Conceptual idea Pre-Feasibility study	2024-2030	11 M				
15	Government AI Center	This project focuses on the establishment of a Government AI Center, dedicated to harnessing the power of artificial intelligence (AI) to enhance governmental operations and service delivery. By leveraging AI technologies such as machine learning, natural language processing, and predictive analytics, this initiative aims to drive efficiency, innovation, and data-driven decision-making across various government departments and agencies. Through research, development, and deployment of AI applications, the center seeks to address complex challenges, optimize resource allocation, and improve citizen services while ensuring ethical and responsible use of AI technologies.	Approved: Conceptual idea Pre-Feasibility study	2024-2030	60 M				
16	Digital archives	As we are moving forward in the digital world and producing digital originals, we need tools to reliably preserve materials in digital form. We need support for National Archives in the region in overcoming the challenges of digital preservation, ensuring continued access to digital information in the future. Developing digital preservation tools and systems will ensure the integrity and availability of the digital records. Expected deliverables: 1. Standards for digital archiving developed and adopted 2. range of tools, systems and advice for ensuring long-term (possibly permanent) availability			18+ M				
17	free Wi-Fi connectivity	Promote free Wi-Fi connectivity for citizens and visitors in public spaces such as parks, squares, public building, libraries, health centers, and museums everywhere							
18	Cross-border connectivity of the WB National Research and Education Networks	Procurement of active equipment, as well as setting up cross-border connections for connecting academic networks.							
19	Establishing connection among the prisons in the Republic of Macedonia (with optic cable)	Digital connectivity with access to a fast and secure Internet connection that enables users to benefit from various digital services. Fast and secure Internet connection that allows prisons to benefit from various digital services, and creating preconditions for easier implementation of a new web based prison information system and digital connection to courts, prosecutors' offices and other institutions.							