



Republika e Kosovës
Republika Kosova-Republic of Kosovo
Qeveria-Vlada-Government
Ministria e Ekonomisë
Ministarstvo Ekonomije -Ministry of Economy

PROGRESS REPORT FOR 2024
OF THE
KOSOVO ENERGY STRATEGY IMPLEMENTATION
PROGRAM (KESIP)
FOR THE PERIOD 2022 - 2025

Prishtina, April 2025

Contents

1	Abbreviations:	3
2	EXECUTIVE SUMMARY	4
3	PROGRESS IN THE IMPLEMENTATION OF THE OBJECTIVES OF THE STRATEGIC DOCUMENTS	7
4	PROGRESS AGAINST THE OBJECTIVES.....	7
5	RISKS AND STEPS TO ADDRESS THEM	9
6	ANNEX - PROGRESS REPORT MATRIX FOR 2024	12

1 Abbreviations:

EU	European Union
RES	Renewable Energy Sources
RES-E	Electricity generated from renewable sources
CERT	Community Emergency Response Team
CO ₂	Carbon Dioxide
EE	Energy Efficiency
ESCO	Energy Service Company
ESIA	Environmental and Social Impact Assessment
IMES	Implementation Program of the Energy Strategy
KEEF	Kosovo Efficient Energy Fund
GG	Greenhouse Gas
IPF9	Infrastructure Project Facility - Technical Assistance 9
KEDS	Kosovo Electricity Distribution Company
KEK	Kosovo Energy Corporation
KfW	Reconstruction Credit Institute
KOSTT	Kosovo Transmission System and Market Operator
Ktoe	Kiloton of Oil Equivalent
MESTI	Ministry of Education, Science, Technology and Innovation
MCAK	Millennium Challenge Account-Kosovo
MCC	Millennium Challenge Corporation
ME	Ministry of Economy
MFK	Millennium Foundation Kosovo
MFLT	Ministry of Finance, Labour and Transfers
MESPI	Ministry of Environment, Spatial Planning and Infrastructure
MW	Megawat
MWt	Megawatt Thermal
NO _x	Nitrogen Oxides
CH	Central Heating
DSO	Distribution System Operator
TSO	Transmission System Operator
SAIDI	System Average Interruption Duration Index
SAIFI	System Average Interruption Frequency Index
SCADA	Supervisory Control and Data Acquisition
SO ₂	Sulfur Dioxide
EU ETS	European Union Emissions Trading System
WBIF	Western Balkans Investment Framework
ERO	Energy Regulatory Office

2 EXECUTIVE SUMMARY

The Ministry of Economy (ME) has developed the Kosovo Energy Strategy Implementation Program (KESIP) for the period 2022–2025, which was approved on September 5, 2023, by the Government of the Republic of Kosovo (GRK).

Based on Article 7, point 7 of Law No. 05/L-081 on Energy, the Ministry of Economy (ME) has a legal obligation to monitor the implementation of the Energy Strategy of Kosovo. Accordingly, the Ministry has prepared the Annual Report for 2024 on the Kosovo Energy Strategy Implementation Program (KESIP) for the period 2022–2025, as well as the level of implementation of the Energy Strategy for the period 2022–2031, which is in line with the requirements of the Administrative Instruction (AI) of the Government of the Republic of Kosovo (GRK) No. 07/2018 on Planning and Drafting Strategic Documents and Action Plans (APs).

The Progress Report on the Implementation of the Energy Strategy for 2024 is drafted based on the implementation of activities of the Kosovo Energy Strategy Implementation Program (KESIP) for the period 2022–2025 and it presents detailed activities for the implementation of the objectives outlined in the Energy Strategy of the Republic of Kosovo for the period 2022–2031.

The Kosovo Energy Strategy Implementation Program (KESIP) for the period 2022–2025 includes a list of five (5) strategic objectives, sixteen (16) specific objectives, and ninety-one (91) activities planned for the development of the energy sector.

The progress report aims to identify the degree of implementation of the projects/activities of the Kosovo Energy Strategy Implementation Program (KESIP) for 2024, as well as to identify challenges and propose recommendations for decision-making by the relevant authorities.

The Progress Report includes all projects and activities that started before or during 2024 and continue in the coming years, as well as projects and activities that start and end in 2024.

Strategic Objectives are as follows:

- Objective 1: Improving System Resilience;
- Objective 2: Decarbonization and Promoting Renewable Energy;
- Objective 3: Increasing Energy Efficiency (EE);
- Objective 4: Strengthening Regional Cooperation and Market Functioning;
- Objective 5: Protecting and Empowering Consumers.

In 2024, the following can be considered as achievements:

Investments in the transmission network at the low-voltage 0.4 kV level, at the medium voltage level 35/10(20) kV, new 110/10 (20) kV nodes (TSO & DSO), and investments in the distribution network through which improvement of the quality of electricity supply and reduction of losses in the distribution network have been achieved. Additionally, investments in the Smart Grid, the installation of meters, and in Information Technology (IT) have raised accuracy in metering, enabled remote metering, billing, and precise and quick reading, and will also increase data security and protection, as well as modernize the infrastructure. All these investments affect the increase in the reliability of the Republic of Kosovo's power system.

Another achievement is the implementation of Energy Efficiency (EE) measures in public buildings (both central and municipal level), through which energy savings of 6.6 ktoe/year have been attained.

In the field of regional cooperation in 2024, the following have been achieved: the operationalization of the day-ahead and intraday market within ALPEX and the organization of the first auction related to the Intraday Market.

To support vulnerable customers and other consumers, subsidies have been provided to vulnerable families, and electricity bill subsidies have also been implemented; furthermore, a program for the protection of vulnerable customers has been approved.

In 2024, progress was also made in the implementation of activities in the District Heating (DH) sector, where investments continued in the expansion and rehabilitation of the District Heating (DH) network in Prishtina and in the installation of metering equipment for "Termokos" customers. As a result, the District Heating (DH) system in Prishtina has been improved. The feasibility study for increasing the thermal capacity in the cogeneration of TPP "Kosova B" from 140 MWth to 280 MWth has also been completed.

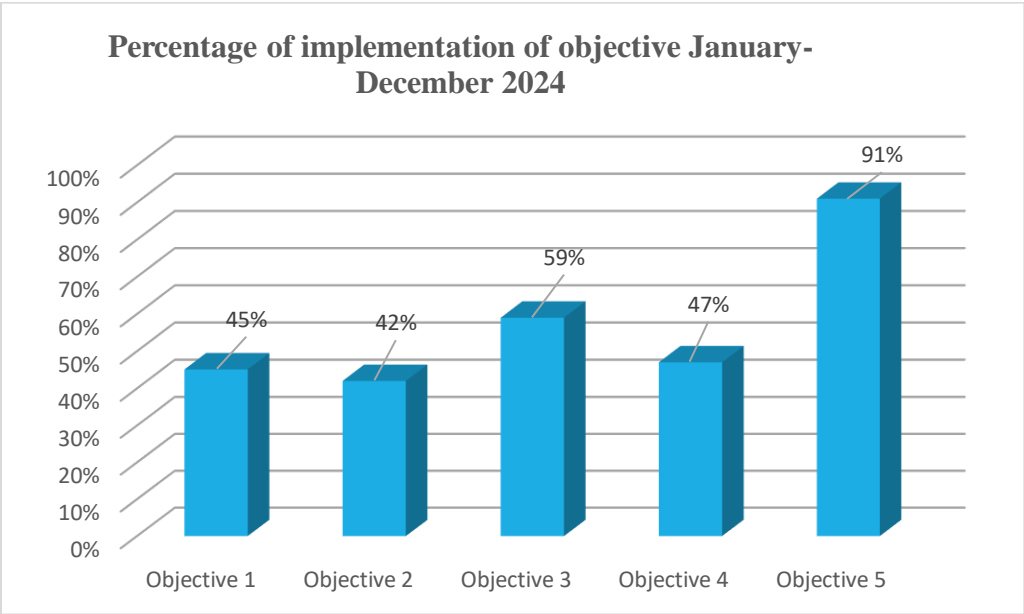
Another achievement in 2024 is the approval of the Law on the Promotion of the Use of RES by the Assembly of the Republic of Kosovo, published in the Official Gazette on 02.05.2024. Competitive auctions were organized to increase the share of RES, starting with 100 MW of photovoltaics, where on 31.05.2024 the agreement for project development and other agreements under the tender dossier was signed, followed by the opening of the first auction for the construction of wind energy capacities of 100 MW in December 2024.

Regarding new professional standards and curricula in line with labor market demands, four (4) new standards have been drafted for the energy sector based on labor market requirements.

The accomplishment of the 2024 objectives has reached fifty-seven percent (57%).

The achievements of the objectives for 2024 are presented in tabular and graphical form below.

	2024
Objective 1	45%
Objective 2	42%
Objective 3	59%
Objective 4	47%
Objective 5	91%
Total of objective implementation	57%



3 PROGRESS IN THE IMPLEMENTATION OF THE OBJECTIVES OF THE STRATEGIC DOCUMENTS

This Progress Report presents the level of implementation of activities and projects planned for 2024.

To prepare this report, an Inter-Institutional Coordination Group (ICG) was established, where the Ministry of Economy (ME) prepared the matrix and forwarded it to all members of the group to report on achievements, challenges and issues in the implementation of planned projects for 2024. After receiving inputs from the members of the Coordination Group (CG), further elaboration of the matrix was done and finalization was completed.

Based on the data provided by the responsible institutions in the submitted matrix, the narrative section of this report was prepared.

The narrative section describes the progress of each strategic objective, outlining achievements, reasons for delays in some activities/projects, and challenges for some projects that have not been fully realized.

The following description is based on the structure of the Kosovo Energy Strategy Implementation Program (KESIP) for the period 2022 - 2025, which includes activities and projects for 2024.

4 PROGRESS AGAINST THE OBJECTIVES

Objective 1: Improving system resilience

Objective “Improving system resilience”, includes all activities that ensure the security of electricity supply and the functioning of a sustainable power system.

The planned activities that have seen developments during this period and have contributed to improving system resilience are:

- Building of substations in Ferizaj and Fushe-Kosova;
- Capital investments in Information Technology (IT);
- Medium voltage projects 35/10(20) kV;
- Installation of meters;
- Expanded Network (Smart Grid).

Objective 2: Decarbonization and Promoting Renewable Energy

The path toward reducing carbon dioxide (CO₂) emissions is a key element in strategies to achieve environmental sustainability goals. To realize this, the development of large-scale Renewable Energy Sources (RES) capacities is an essential step, based on the technical and economic potential of these sources.

Most of the activities foreseen for this period were oriented towards creating a legal and infrastructural basis that enables the development of renewable energy projects.

In 2024, the following activities have been completed:

- Adoption of the Law on Renewable Energy Resources (RES);
- Feasibility study for the development of the Solar District Heating (DH) project - Solar4Kosovo;
- Feasibility Study & Environmental and Social Impact Assessment for the District Heating System in nine (9) municipalities of the Republic of Kosovo.
- Organization of the first auction in the Republic of Kosovo for 100 MW of solar energy.

Objective 3: Increasing Energy Efficiency (EE)

Improving Energy Efficiency (EE) is a key component of efforts to achieve the goals of the energy strategy. Increasing Energy Efficiency (EE) helps ensure energy supply security by reducing import dependence and making the energy system more sustainable. Likewise, reducing energy demand lowers costs for consumers and contributes to better air quality by reducing pollution and Greenhouse Gas (GHG) emissions.

In 2024, the number of activities that have advanced and contributed to increasing Energy Efficiency (EE) includes a range of actions and projects that improve the use and saving of energy.

These activities are:

- Adoption of the Law on Energy Performance of Buildings;
- Expansion and rehabilitation of the District Heating (DH) network in Prishtina;
- Implementation of Energy Efficiency (EE) measures in public buildings, both central and municipal level, through which energy savings of 6.6 ktoe/year have been attained.
- Installation of metering devices for “Termokos” consumers;
- Implementation of Energy Efficiency (EE) measures in the residential sector (individual houses)
- Feasibility study for increasing the thermal capacity at the TPP Kosova B Cogeneration from 140 MWth to 280 MWth;
- Public awareness-raising campaign

Objective 4: Strengthening Regional Cooperation and Market Functioning

In 2024, the activities that have advanced and contributed to strengthening regional cooperation and the functioning of the energy market in compliance with the Energy Community Treaty (ECT) have included a series of actions aimed at integrating Kosovo’s energy market into the regional one and beyond, as well as enhancing competition and transparency. The main activities in this period include:

- Coupling with the day-ahead market with Albania through the ALPEX power exchange.
- Coupling with the intraday market with Albania through the ALPEX power exchange.

- Drafting of the draft law on electricity;
- Drafting of the draft law on energy;
- Drafting the Draft Law on Energy Regulatory Office (ERO);
- Drafting and adoption of new professional standards and curricula, according to the requirements of the labor market.

Objective 5: Protecting and empowering consumers

The Energy Strategy follows the individual-centred approach and sets objectives in these areas. For this purpose, several activities are planned in the Kosovo Energy Strategy Implementation Program (KESIP) for the period 2022-2025.

In 2024, several activities have been envisioned to support vulnerable consumers, which have been integrated into a single activity, and capacity building for the staff of KEPA for monitoring, evaluating, and reporting emissions from large plants.

- Drafting and adoption of a one (1) year program for the implementation of measures to support vulnerable consumers
- Increasing the KEPA capacities for monitoring, evaluating and reporting emissions from large combustion plants
- Awareness and information campaigns have been conducted for the energy sector by ME and other institutions: Termokos, DH-Gjakova, KEDS, KEEF, and the total number of such campaigns carried out is seventeen (17).

5 RISKS AND STEPS TO ADDRESS THEM

During the monitoring of the Kosovo Energy Strategy Implementation Program (KESIP) for the period 2022-2025, several risks related to institutional capacity, financial capacity, regulatory environment, partnerships and engagement of other institutions, delays in procurement procedures, as well as external factors that emerged during the implementation of activities, have been identified, affecting the implementation of the strategic document.

In monitoring the implementation of the Kosovo Energy Strategy Implementation Program (KESIP) for the period 2022–2025, the Ministry of Economy (ME), specifically the Department of Energy (DE), coordinated the drafting process of the Progress Report with the planned activities. This monitoring was conducted in cooperation with responsible institutions where risks were identified, which will be addressed in the coming years with concrete measures. The Ministry of Economy (ME) will continue cooperation and coordination with relevant institutions and key enterprises in the energy sector to address all ongoing risks.

Proper project and activity planning by responsible institutions is very important for the success and development of the energy sector, hence, an important role is also played by simplifying bureaucratic procedures in order to avoid delays and stagnation in project implementation.

Challenges and shortcomings:

The challenges, shortcomings, and obstacles encountered during the monitoring of the implementation of the KESIP activities:

- Lack of human and professional capacities within institutions to address complex energy projects is a key problem. This includes a lack of qualified experts in technical, managerial, and monitoring fields;
- Financial capacities, dependence on donor implementation of projects, especially the situation created after the unilateral imposition by the EU of measures of a financial nature, non-signing of project financing agreements and their ratification in the Assembly of the Republic of Kosovo;
- Unsuitable regulatory environment, delays in obtaining permits from relevant institutions for construction, land expropriation and price increases in the market, outdated contract prices, delays in procurement processes;
- Insufficient coordination among institutions; and
- Other external factors (global changes such as energy crises, unstable energy prices, and the impacts of international policies also in relation to the green agenda), which affect the level of implementation of the strategic document.

Conclusions and recommendations for next steps

The fact that a satisfactory progress has been noted and that in 2024 the achievement of objectives reached fifty-seven percent (57%) demonstrates a significant advance in the implementation of the Kosovo Energy Strategy Implementation Program (KESIP) for the period 2022–2025. This percentage shows that many activities have been carried out, but it also leaves room for improvement and strengthening of efforts to achieve all the planned objectives.

Some of the obstacles and causes for delays or non-implementation of activities are: non-ratification of financial agreements, improper planning of the implementation timelines for activities, complex bureaucratic procedures for obtaining various permits for planned activities, delays in procurement processes, and lack of specialized workforce.

Recommendations:

Based on the challenges and shortcomings identified in institutional reporting on the implementation of activities and measures within the strategic objectives, the recommendations and next steps for improvement include:

- Improving the planning of timelines for the adoption of the legal framework;
- Increasing interinstitutional coordination and collaboration;

- Facilitating procedures for obtaining permits, avoiding delays in the commencement of projects;
- Conducting property expropriation on time in areas where projects will be implemented;
- More accurate planning of activities and timelines for project implementation, taking into account possible challenges;
- Timely signing and ratification of financial agreements by responsible institutions.

6 ANNEX - PROGRESS REPORT MATRIX FOR 2024

MONITORING OF THE IMPLEMENTATION OF KESIP FOR THE PERIOD 2022-2025: STRATEGIC OBJECTIVE 1

SO1: IMPROVING SYSTEM RESILIENCE

No.	Strategic and specific objectives, indicators and actions	Baseline value		Short-term objective 2025		Last year’s objective 2031	Result				
I.	STRATEGIC OBJECTIVE 1: IMPROVING SYSTEM RESILIENCE										
1.	Indicator: System Average Interruption Duration Index (SAIDI)	SAIDI: 80.83 hours/year (2021)		SAIDI: 63 hours/year		SAIDI: 51.84 hours/year					
2.	Indicator: System Average Interruption Frequency Index (SAIFI)	SAIFI: 58.27 (2021)		SAIFI: 49		SAIFI: 40.86					
I.1	Specific Objective: Enhancing system flexibility										
	Indicator	Baseline value		Short-term objective 2025		Last year’s objective 2031					
1.	Flexible regulation capacity level	5 MW (2022)		5 MW		170 MW					
No.	Action	Deadl ine	Budget				Source of funding	Leading and supportin g institutio n	Product	Referenc es to documen ts	Implementation progress for 2024
			Year	Year	Year	Year					
			2022	2023	2024	2025					

I.1.1	Preparation of pre-feasibility, feasibility and technical projects for the battery storage system	2025	€ -	\$ 1,180,837.0 0	\$ 3,078,637.00	\$ 242,079.00	Donors	MCC, ME, KOSTT	Prepared technical documentation	Energy Strategy for the period 2022- 2031	The Design and Supervision Consultant for the Battery Energy Storage System (BESS) has been contracted and began work in November 2023. An initial basic design has been drafted for the substation and the battery energy storage system to enable its connection to the transmission network, as well as to prepare the bidding package for BESS construction. The Consultant has completed the geotechnical analyses of the location where the battery system will be built for the needs of KOSTT and ESCorp. Additionally, a prequalification process has been launched for the construction of energy storage systems.
-------	---------------------------------------------------------------------------------------------------	------	--------	------------------------	---------------------------	------------------	--------	----------------------	----------------------------------------	----------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

I.1.2	Technical and legal support for the integration of batteries - MCC Project	2025	€ -	\$ 1,916,000.00	\$ 2,034,667.00	\$ 2,045,667.00	Donors	MCC, ME, KOSTT	Prepared technical documentation	Energy Strategy for the period 2022-2031	Support Consultants for the Battery Energy Storage System (BESS) were contracted in May 2023. They have been engaged in drafting and completing the legal framework to enable battery connection to the network, as well as analyzing ownership options for batteries for KOSTT. These two (2) consultants have provided general support in preparing the documentation for the establishment of the new publicly-owned enterprise, Energy Storage Corporation JSC (Korporata e Ruajtjes së Energjisë ShA), by decision of the Government of the Republic of Kosovo (GRK), as well as support for fulfilling the preconditions, including legal support for securing immovable properties for the construction of projects. This support continued throughout 2024. As for the operationalization of the new publicly-owned enterprise, after its establishment by decision of the Government of the Republic of Kosovo (GRK) on 13 March 2024, consultancies were launched for the recruitment of the enterprise staff and for technical assistance, which will support the enterprise in drafting the Business Plan (BP), technical regulations for battery operation, and corporate and financial governance
-------	----------------------------------------------------------------------------	------	-----	-----------------	-----------------	-----------------	--------	----------------	----------------------------------	------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

											policies, etc. Additionally, a vacancy was announced for the Board Directors (DB) of the Energy Storage Corporation.
I.1.3	Gas Development Master Plan and Environmental Impact Assessment (EIA)	2023	€ 750,000.00	€ 750,000.00	€ -	€ -	WBIF / IPF9	ME, MESPI, MIET	Gas Master Plan and Environmental Impact Assessment Finalized	Energy Strategy for the period 2022-2031	This study has been finalized in 2023 and was reported as such.
I.1.4	Feasibility study for the North Macedonia-Kosovo Gas Interconnection Pipeline.	2023	€ 325,000.00	€ 325,000.00	€ -	€ -	WBIF/IPF9	ME, MESPI, MIET	Feasibility study finalized	Energy Strategy for the period 2022-2031	This study has been finalized in 2023 and was reported as such.
I.1.5	Study to identify the potential of geothermal energy in Kosovo	2025				€ 750,000.00	Donors	ME	Feasibility study implemented.	Energy Strategy for the period 2022-2031	

I.2	Specific Objective: Modernization of networks and network loss reduction										
	Indicator	Baseline value		Short-term objective 2025		Last year's objective 2031					
1.	Distribution losses	18.48% [2021]		13.3%		9%	14.49% (2024)				
2	The amount of variable RES capacity that the network is able to process/integrate.	147 MW [2021]		500 MW		2000 MW	1400 MW (2024)				
No.	Action	Deadl ine	Budget				Source of funding	Leading and supportin g institutio n	Product	Referenc es to documen ts	Implementation progress for 2024
			Year 2022	Year 2023	Year 2024	Year 2025					
I.2.1	Development of the system (SCADA & Telecommunications)	Yearl y	€ -	€ 5,684,923.3 3	€ 4,063,814.93	€ 1,863,702.5 0	KOSTT	KOSTT	ENTSO-E requirements have been met	Energy Strategy for the period 2022-2031	These projects fall under the set of projects to be implemented with the German Bank KfW, phase VII. A consultancy services contract was signed on 26.11.2024 to prepare the technical specifications and the tender dossier. The projects are expected to be implemented during Q1 2026–Q4 2027.
I.2.2	Strengthening and rehabilitating the existing electricity network (TSO)	Yearl y	2,400,000. 00€	€ 2,260,000.0 0	€ 1,063,542.37	€ 1,354,203.3 9	KOSTT	KOSTT	Enhancing network reliability and security	Energy Strategy for the period 2022-2031	
I.2.3	Construction of new transmission capacities and transformational capacities - Shunt-variable reactor (100 MVar)	2025	€ -	€ 1,000,000.0 0	€ -	€ 3,449,152.5 4	KOSTT	KOSTT	Enhancing network reliability and security. Meeting the Grid Code requirements.	Energy Strategy for the period 2022-2031	
I.2.4	Support for the new load/connections 110/10 (20) kV (TSO & DSO) (SS Kastriot - Ferizaj 3 and TS Malisheva), (SS Kastrioti - Ferizaj 3 and TS Malisheva);	Yearl y	€ 3,000,000. 00	€ 5,061,277.0 0	€ 10,094,931.5 2	€ -	KOSTT	KOSTT	Reduction of energy losses and unserved power	Energy Strategy for the period 2022-2031	

										<p>the installation of the 40 MVA transformer, the substation was energized on 15.12.2024.</p> <p>3. In accordance with the applicable laws, a design has been prepared for the 110/35/10(20) kV Malisheva Substation by the design company; construction conditions have been obtained, and the construction permit from MESPI is also expected. The technical specifications have been prepared, and the tender is expected to be announced during Q1 2025. The implementation period is planned for Q3 2025–Q4 2026.</p>
I.2.5	Medium Voltage Projects 35/10(20) kV	Yearly	€ 9,247,735.33	€ 13,216,444.00	€ 8,800,613.00	€ 7,232,203.00	KEDS	KEDS	Improvement of the electricity supply quality	<p>Energy Strategy for the period 2022-2031 Distribution System Operator Development and Investment Plan for the period 2023-2027</p> <p>7,330,808.67 (Euro). In 2024, the medium-voltage investment projects implemented in 2024 were focused in regions such as: Lipjan, Gjakovë, Malishevë, Skenderaj, Vushtrri, Klinë, Pejë, Deçan, Obiliq, Prishtinë, Drenas, Suharekë, Dragash, Ferizaj, Fushë-Kosovë, Kaçanik, Kamenicë, Prizren, Rahovec, and Viti. The medium-voltage network has been reinforced in line with future feeder plans. Within the MV and LV investments, all lines, substations, and other equipment that failed to meet technical criteria have been replaced. These projects aim to improve voltage levels and provide higher-quality electricity supply.</p>

I.2.6	Low Voltage Projects 0.4 kV.	Yearly	€ 6,086,381.41	€ 7,025,149.00	€ 13,795,229.00	€ 9,677,563.00	KEDS	KEDS	Improvement of the electricity supply quality	Energy Strategy for the period 2022-2031 Distribution System Operator Development and Investment Plan for the period 2023-2027	8,699,661.75 Euro. In 2024, the low-voltage investment projects implemented in 2024 were directed toward the regions of Lipjan, Gjakovë, Malishevë, Skenderaj, Vushtrri, Mitrovicë, Klinë, Pejë, Deçan, Obiliq, Podujevë, Prishtinë, Drenas, Suharekë, Dragash, Ferizaj, Fushë-Kosovë, Gjilan, Kaçanik, Kamenicë, Prizren, Rahovec, Shtime, and Viti. Investments in the low-voltage network are divided into network reinforcement projects and network expansion projects. The new connections implemented by the DSO also fall under the category of network expansion. Throughout the DSO network, there are sections requiring investment due to outdated conditions. To invest in the most critical areas, the analysis was conducted by taking into account priority criteria for project selection.
"I.2.7	Smart Grid	Yearly	€ 14,513.93	€ 2,413,843.29	€ 3,444,527.64	€ 1,765,071.00	KEDS	KEDS	Improvement of the electricity supply quality	Energy Strategy for the period 2022-2031 Distribution System Operator Development and Investment Plan for the period	3,841,450.46 Euro. In 2024, there were numerous investments in the distribution network, increasing its efficiency and reliability. The main investments include the placement of smart devices, the installation of the SCADA system in the facilities, the replacement of power transformers and relays in the substations, and the commencement of the GIS project. We have also established a second SCADA control center and

										2023-2027	installed the first reactor in the network. All these investments have improved monitoring, fault detection, and the overall performance of the network, ensuring higher energy quality and reducing outage times for consumers.
I.2.8	Installation of meters.	Yearly	€ 1,612,032.60	€ 4,000,015.00	€ 2,494,035.00	€ 2,111,940.00	KEDS	KEDS	Reduction of commercial losses for the period 2022-2025, it is projected that approximately 121,782 new meters will be installed - new connections, while around 86,578 meters are expected to be replaced.	Energy Strategy for the period 2022-2031 Distribution System Operator Development and Investment Plan for the period 2023-2027	10,446,297 Euro. - During the period January–December 2024, the DSO carried out around 27,238 meter replacements, of which approximately 4,681 involved switching from mechanical meters to digital meters. The reasons for meter replacements are: - Modernization of metering from electronic meters to Smart meters; - Installation of PLC meters according to the LV projects approved by the ERO; - Replacements of meters from mechanical to electronic; - Validity of the Metrological seal (in accordance with Legal Metrology); - Meters for prosumers (solar panels).
I.2.9	Capital investments in Information Technology (IT);	Yearly	€ 896,096.30	€ 1,544,650.00	€ 2,147,700.00	€ 1,331,800.00	KEDS	KEDS	Safe operation of DSO	Energy Strategy for the period 2022-2031 Distribution System Operator	1,561,588.43 Euro. -Information Technology (IT) projects represent highly significant investments for the DSO. During 2024, substantial progress was achieved in the development and improvement of IT systems. Investments were made to

										Develop ment and Investme nt Plan for the period 2023- 2027	enhance security, modernize infrastructure, and improve the functioning of technological processes, increasing the efficiency and resilience of the system.
I.3	Specific Objective: Rehabilitating the existing energy generation capacity										
	Indicator	Baseline value		Short-term objective 2025		Last year’s objective 2031					
1.	Number of renovated lignite units	0 [2021]		2		3 or 4					
2	Number of closed lignite units	0 [2021]		0		1 or 2					
No.	Action	Deadl ine	Budget				Source of funding	Leading and supportin g institutio n	Product	Referenc es to documen ts	Implementation progress for 2024
			Year 2022	Year 2023	Year 2024	Year 2025					
I.3.1	Rehabilitation of Kosova B1 unit	2024	€ -	€ 7,500,000.0 0	€ 88,000,000.0 0	€ -	KEK: €49.5 million EU grant: €38.5 million (Electrofilte rs & De- Nox)	KEK, ME, ERO	Reduction of dust, NOx and SO ₂ emissions Dust: 20 mg/ Nm ³ , NOx: 200 mg/ Nm ³ , SO ₂ : 600 mg/ Nm	Energy Strategy 2022- 2031 KEK Develop ment Strategy 2021- 2025	The DeNOx and Electrostatic Filters (electrofilters) project has been postponed to 2026 for unit B1 and 2027 for unit B2. Because of this postponement, the projects that KEK/TCB has planned to implement in this period of time for DeNOx and electrostatic filters have also been postponement. In 2025, projects will be carried out to modernize the turbine and replace the generator’s bars on unit B2—these are contracted by KEK. This means that there is no progress in the implementation of projects in the period January - June 2024.

I.3.2	Rehabilitation of Kosova B2 unit	2025	€ -	€ 7,500,000.00	€ -	€ 88,000,000.00	KEK - €49.5 million EU Grant - €38.5 million (Electrofilters & De-Nox)	KEK, ME, ERO			The DeNOx and Electrostatic Filters (electrofilters) project has been postponed to 2026 for unit B1 and 2027 for unit B2. Because of this postponement, the projects that KEK/TPPB has planned to implement in this period of time for DeNOx and electrostatic filters have also been postponement. In 2025, projects will be carried out to modernize the turbine and replace the generator's bars on unit B2—these are contracted by KEK. This means that there is no progress in the implementation of projects in the period January - June 2024.
I.3.3	Rehabilitation of one unit of Kosova A	2024	-	€ 15,000,000.00	€ 105,000,000.00	€ -	KEK	KEK, ME, ERO	Increase capacity from 130 MW to 180 MW.	Energy Strategy 2022 - 2031	The technical specification has been completed and submitted to Senior Management and the Board. In December 2024, the initial budget was approved for the rehabilitation and modernization of unit A3. The process was initiated by the Procurement Office (PO) on 23.01.2025.
I.3.4	Machinery, conveyor belts, expropriations and other investments in the expropriation of mines	2024	€ 3,800,000.00	€ 48,200,000.00	€ 28,340,000.00	€ 28,340,000.00	KEK	KEK, ME, ERO	Investment in mine	Energy Strategy 2022 - 2031	From the initiating units, all requests that have reached DIP, have been proceeded for further addressing in DF and ZEP.
I.4	Specific Objective: Ensuring cybersecurity of the energy sector										

	Indicator	Baseline value		Short-term objective 2025		Last year's objective 2031					
1.	Cyber-response capabilities.	Nonexistent		Exist		Exist					
No.	Action	Deadl ine	Budget				Source of funding	Leading and supportin g institutio n	Product	Referenc es to documen ts	Implementation progress for 2024
			Year 2022	Year 2023	Year 2024	Year 2025					
I.4.1	Adoption of the Law on Security of Networks and Information Systems	2022	€ 120,000.00	€ -	€ -	€ -	Kosovo Budget (KB)	MIA, ME,	Law adopted	Annual Performa nce Report	No changes in 2024.
I.4.2	Approval of bylaws stemming from the Law on Security of Networks and Information Systems	2023	€ -	€ 100,000.00	€ -	€ -	Kosovo Budget (KB)	MIA, ME, ERO, KOSTT	Secondary legislation adopted.	Law on Security of Networks and Informati on Systems	No changes in 2024.
I.4.3	Establishment of the Sectoral Energy Computer Emergency Response Team (eCERT) in Kosovo	2025	€ -	€ 252,250.00	€ 300,000.00	€ 50,000.00	Kosovo Budget, donors	ME, National CERT, MIA, ERO, KOSTT, KEK, KEDS	Sectoral Energy Computer Emergency Response Team (eCERT) in Kosovo established	Energy Strategy for the period 2022- 2031	The Terms of Reference and technical specifications for the establishment project of the energy sectoral CERT have been finalized. It is expected that the Ministry of Economy (ME) will announce the tendering process for the establishment of this CERT.

MONITORING OF THE IMPLEMENTATION OF KESIP FOR THE PERIOD 2022-2025: STRATEGIC OBJECTIVE 2

SO2: DECARBONISATION AND PROMOTING RENEWABLE ENERGY

No.	Strategic and specific objectives, indicators and actions	Baseline value		Interim objective 2025		Last year's objective 2031	Result				
II.	STRATEGIC OBJECTIVE 2: DECARBONISATION AND PROMOTING RENEWABLE ENERGY										
1.	Reduction of GHG emissions in the electricity sector compared to 2019	0% [2019] (6316 ktCO2)		0%		-32%					
2	The share of renewable energy sources in the consumption of the electricity sector	6.3% [2021]		Minimum 13%		Minimum 35%	8.75% (2024)				
II.1	Specific Objective: Gradual implementation of the carbon price										
	Indicator	Baseline value		Short-term objective 2025		Last year's objective 2031					
1.	Gradual introduction of the carbon price	Not introduced [2021]		The preparation for one carbon pricing system has been completed.		Integration into EU ETS					
No.	Action	Dead line	Budget				Source of funding	Leading and supporting institution	Product	References to documents	Implementation progress for 2024
			Year 2022	Year 2023	Year 2024	Year 2025					

II.1.1	Drafting of the Long-Term Decarbonisation Strategy	2024	€ -	€ 37,228.13	€ 32,228.13	€ -	Kosovo Budget (KB)	MESPI	Strategy drafted and adopted	Draft Law on Climate Change	No progress
II.1.2	Transposition and implementation of regulations MRR (EU) 2018/2066, AVR (EU) 2018/2067, and AR (EC) and 765/2008	2025	€ -	€ -	€ 26,296.00	€ 26,296.00	Kosovo Budget (KB)	MESPI	Transposed regulation concerning monitoring , reporting and verification	Draft Law on Climate Change	No progress
II.1.3	The establishment of supportive infrastructure and governance system	2025	€ -	€ -	€ 13,000.00	€ 13,000.00	Kosovo Budget (KB)	ME, MESPI	Functionin g of the governance system for monitoring , reporting and verification of carbon emissions	Draft Law on Climate Change	No progress
II.1.4	Carbon pricing impact study	2024-2025	€ -	€ -	€ -	€ 600,000.00	IMF	MESPI	Study completed		Completed.
II.2	Specific Objective: Promotion of renewable energy in the electricity consumption										
	Indicator	Baseline value			Short-term objective 2025		Last year's objective 2031				
1.	Total renewable capacity in the electricity sector (including prosumers)	279 MW [2021]			490 MW		1600 MW				
2	Capacity of self-consumer producers (prosumers)	2 MW (2021)			30 MW		Minimum 100 MW	13.56 MW (2024) new capacities.			
No.	Action	Dead line	Budget				Source of funding	Leading and supporting institution	Product	References to documents	Implementation progress for 2024
			Year	Year	Year	Year					

			2022	2023	2024	2025					
II.2.1	Drafting the Law on Renewable Energy Sources (RES)	2023	€ 12,000.00	€ 2,000.00	€ -	€ -	ME, Donors	ME	The Law on RES drafted and adopted.	Energy Strategy for the period 2022-2031	Law No. 08/L-258 on the Promotion of the Use of RES was adopted by the Assembly of the Republic of Kosovo and was published in the Official Gazette (GZ), on 02.05.2024.
II.2.2	Adoption of bylaws related to Law on Renewable Energy Sources (RES).	2024	€ -	€ 8,000.00	€ 8,000.00	€ -	ME, Donors	ME, ERO	Secondary legislation adopted	Energy Strategy for the period 2022-2031	Following the adoption of Law No. 08/L-258 on the Promotion of the Use of RES and after approval of ME's Legislative Plan, responsible officials have been appointed for each of the eight (8) draft secondary acts. Only the Administrative Instruction on the Competitive Bidding Process has been adopted, while four (4) other Administrative Instructions (AIs) have been drafted and are pending preliminary and public consultation. Three (3) Administrative Instructions have not yet been drafted.
II.2.3	Drafting of secondary legislation on prosumers;	2023	€ 6,000.00	€ -	€ -	€ -	Donors	ERO	Secondary legislation adopted	Rules on prosumers.	
II.2.4	Finalization of DSO connection fee methodology	2023	€ 20,000.00	€ -	€ -	€ -	ERO	ERO, DSO	Grid integration	Grid Code	Connection tax methodology has been adopted by the Board of ERO. This task has been completed.
II.2.5	Drafting of the National Energy and Climate Plan 2025-2030	2024		€ 30,000.00	€ 10,000.00	€ -	GIZ	ME, MESPI	NCEP has been finalized and adopted	Energy Strategy for the period 2022-2031	The preliminary discussion of the document has ended, it is in the stage of handling comments and is expected to be sent for public discussion.

II.2.6	Announcement of the first pilot auction	2023	€ 4,000.00	€ 20,000.00	€ -	€ -	Kosovo Budget (KB)	ME, ERO	Organizing competitive auctions to increase the share of RES starting with 100 MW	Energy Strategy for the period 2022-2031	
II.2.7	Awarding and contracting of the first pilot auction	2023	€ -	€ 4,000.00	€ -	€ -	Kosovo Budget (KB)	ME, ERO		Energy Strategy for the period 2022-2031	
II.2.8	Construction of capacities of 100 MW	2025	€ -	€ -	€ 75,000,000.00	€ -	Private investment.	ME, ERO	Construction of the 100 MW PV solar power plant	Energy Strategy for the period 2022-2031	One (1) competitive auction was organized to increase RES share, starting with 100 MW of photovoltaics (PV); the deadline for bid submissions was 31 January 2024. On 3 February 2024, the Commission opened the bids. A total of six (6) bids were received and reviewed by the Bid Evaluation Commission. Five (5) bidders were found to be compliant and, on 29.03.2024, a public auction was held, announcing the winner of the first 100 MW solar photovoltaic (PV) auction. On 31.05.2024, the project development agreement and other relevant agreements based on the tender dossier were signed. The bidder that has entered into the Project Agreements must complete the financial close within one (1) year from the date of entering into the Project Agreements and must commission the photovoltaic (PV) solar power plant within two (2) years from the date of entering into the Project Agreements.
II.2.9	Establishment of a unit for the development of new capacities	2024	€ -	€ -	€ 36,000.00	€ -	Kosovo Budget (KB)	ME	BRE Capacity Development Unit established	Energy Strategy for the period 2022-2031	The Unit was established by approval of the ME's internal regulation in March 2023. In February 2024, a civil servant from the Department of Energy (DE) was transferred into the Unit as a replacement for the Administrative Support Division. In December, the Head of the

											RES Project Implementation Unit was selected, and a Division Head for Administrative Support of RES Projects was also hired. The recruitment of the Division Head for Technical Support of RES Projects is in progress.
II.2.10	Construction of the 100 MW solar power plant in KEK	2025	€ -	€ 500,000.00	€ 65,000,000.00	€ 40,000,000.00	10,000,000 € KEK Donation from KfW, EIB	KEK	Construction of the 100 MW solar plant, which is expected to be operational in 2025	Energy Strategy for the period 2022-2031 KEK Development Strategy for the period 2021-2025.	<p>In the process of being included in the Municipal Development Plan (MDP) – Fushe-Kosova Municipality and in the Zonal Maps – Municipality of Obiliq. The selection process of the Implementation Consultant, who will prepare the tender dossier for the project implementation, is being completed.</p> <p>A loan agreement was signed with the EIB between the Ministry of Finance, Labour and Transfers (MFLT), KEK, and the EIB in March 2024.</p> <p>The loan agreement with KfW was ratified in the Assembly of the Republic of Kosovo in June 2024.</p> <p>In August 2024, a sub-loan agreement for the loan and grant was signed with the Ministry of Finance.</p> <p>In October 2024, the consulting firm was selected to prepare the tender dossier and supervise project implementation.</p>
II.2.11	Feasibility study for identification of public lands suitable for PV and wind (third phase)	2023	€ -	€ 299,000.00	€ -	€ -	European Commission	ME, MESPI	Assessment of appropriate publicly-owned RES locations	Energy Strategy for the period 2022-2031	

II.2.1 2	Preparatory work for launching the second technology-specific auction	2023-2024		€ 9,000.00	€ 9,000.00	€ -	ME, Donors	ME	Drafting the Tender Dossier and Announcing the Auction	Energy Strategy for the period 2022-2031	<p>With the support of the International Finance Corporation (IFC) as the main transaction advisor and USAID, the Government of the Republic of Kosovo (GRK) plans to initiate new competitive projects for building 150 MW of wind energy capacities during 2024. The first project is expected to be announced this year, and the second project is expected to be published next year. Each project is foreseen to have a capacity of around 75 MW, but this may be lower or higher depending on competition and the capacity levels offered. The tender documentation and the scheme will be prepared in the coming months, proposed, and addressed under the Public-Private Partnership (PPP) Committee. Construction of 150 MW wind capacities will be divided into two (2) competitive processes and will offer power purchase agreements for at least fifteen (15) years. In this way, it is intended to ensure competition while enabling the utilization of reliable existing data on wind measurements to optimize and select locations for the feasibility of the projects. The projects are planned to include a Public-Private Partnership (PPP) component, which will be the first time such a project is carried out in the region. On 23.04.2024, the Ministry of Economy (ME) submitted a request to the Energy Regulatory Office (ERO) to evaluate the attainment of RES targets and Strategy objectives through authorization procedures. Afterward, on 31.05.2024, the Board of the Energy Regulatory Office (ERO)</p>
-------------	-----------------------------------------------------------------------	-----------	--	---------------	----------------------	--------	------------	----	--------------------------------------------------------	------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

											<p>decided that the 150 MW wind auction project would not be subject to the authorization procedure and will be implemented in accordance with the Law on Public-Private Partnership (PPP). On 10.07.2024, a decision was made authorizing the start of tendering procedures for constructing new wind generation capacities and providing support for these capacities up to 150 MW. On 21.11.2024, a decision was made approving the commencement of the competitive process for wind-based renewable energy. In December 2024, the first auction was opened for constructing 100 MW of wind energy capacities. We are in the process of receiving proposals from potential investors who have expressed interest through the official RES portal. During this period, communication has been carried out with interested parties intending to apply for the wind auction of up to 100 MW according to the official announcement. So far, fifteen (15) companies have requested qualification requirements via email in the virtual data room. Meanwhile, we have received various questions that have been addressed with IFC's support, and they have been periodically published in the virtual data room.</p>
II.2.1 3	Support for wind generating capacities, including technical preparation of specific projects	2025	€ -	€ 500,000.00	€ 1,000,000.00	€ 500,000.00	Donors	Donors	Technical studies, wind measuring equipment and other relevant technical assistance	Energy Strategy for the period 2022-2031	<p>In December 2024, the Ministry of Economy (ME) launched the First Wind Auction with a capacity of 100 MW, with the support of the International Finance Corporation (IFC) and the United States Agency for International Development (USAID). This auction</p>

											<p>constitutes an important step toward meeting Kosovo’s renewable energy targets.</p> <p>During 2024, potential sites were analyzed by a wind energy expert engaged by the World Bank (WB). Based on his evaluation and expertise, four (4) locations were selected as most suitable for further study: Gjakova, Kukavica, Koshutova, and Kamenica. For the Gjakova location, parcels were identified based on graphic data received from the World Bank (WB) expert. The parcels were then filtered by ownership, taking into account only public properties. Regarding ownership, data was obtained from the Cadastre Directorate in the Municipality of Gjakova and from the Kosovo Cadastral Agency (KCA). Additionally, the polygon of this location was sent to the Kosovo Forest Agency (KFA) to verify whether there are existing lease contracts in that location with private investors. The Independent Commission for Mines and Minerals (ICMM) was also informed about the ME’s plans for these locations.</p>
II.2.14	Promoting and facilitating the integration of Renewable Energy Sources and energy efficiency (EE) practices	2026		€ 264,100.00	€ 2,413,100.00	€ 1,715,300.00	Lux Dev	ME, KFEE, MESPI	Implement ation of EE & RES measures, assisting in the design of the EE & RES regulatory framework and ensuring access to financing mechanism	Energy Strategy for the period 2022-2031	<p>In November 2023, a Bilateral Agreement was signed between the Government of the Republic of Kosovo and the Government of the Grand Duchy of Luxembourg regarding the Development Cooperation Project.</p> <p>“KSV/024: Energy Transition and Climate Mitigation in Kosovo.” This project is implemented by LuxDev. The following are the main achievements during 2024:</p>

									s for small-scale RES and EE		<div>1. Institutional Strengthening and Regulatory Framework:<ul style="list-style-type: none">• Provision of technical and legal expertise to the Ministry of Economy (ME), supporting the creation of the Project Implementation Unit (PIU) to facilitate auction schemes for renewable energy.• Support in the development of the legal framework through an Administrative Instruction (AI) that has simplified the approval process for renewable energy capacities for households, SMEs, and public buildings, contributing to an increase of 17,811 kW of RES capacity—surpassing the 2024 target ahead of schedule.• Facilitating the creation of the Chamber of Engineers, resulting in the licensing of over eight hundred (800) engineers by the end of 2024.</div> <div>2. Development of the Kosovo Energy Efficiency Fund (KEEF):<ul style="list-style-type: none">• Successfully drafting the Business Plan (BP) for the Kosovo Energy Efficiency Fund (KEEF) for the period 2025–2027, setting strategic priorities to ensure financial independence, expand operations, and integrate digitalization into core functions.</div>
II.3	Specific Objective: Promotion of sustainable use of renewable energy for heating										
	Indicator	Baseline value		Short-term objective 2025		Last year’s objective 2031					
1.	Installed capacity of RES in District Heating (DH) systems	15 MWth		Minimum 65 MWth		To be determined by the feasibility study.					
No.	Action		Budget					Product			

		Dead line	Year 2022	Year 2023	Year 2024	Year 2025	Source of funding	Leading and supporting institution		References to documents	Implementation progress for 2024
II.3.1	Feasibility Study & Environmental and Social Impact Assessment (ESIA) for District Heating (DH) systems in 9 municipalities of Kosovo (Gjilan, Ferizaj, Prizren, Peja, Drenas, Obiliq, North and South Mitrovica & Zveçan)	2023	€ 1,000,000.0 0	€ 1,350,000.0 0	€ -	€ -	WBIF/IPF1 0	ME, MESPI, Municipalities , MFLT	Feasibility Study & ESIA completed	Energy Strategy for the period 2022-2031	Environmental and Social Impact Assessment (ESIA) finalized.
II.3.2	Solar4Kosovo – Feasibility study for the development of the solar central heating project	2024	€ -	€ -	€ 1,000,000.0 0	€ -	KfW, EBRD	Termokos	Feasibility study completed	Energy Strategy 2022 - 2031 Termokos Development Plan for the period 2022-2031	The project includes the construction of a solar thermal plant and its integration into the existing District Heating (DH) system, including network expansion of up to 50 MWth. In terms of developments for this project, the following have been completed: Feasibility study; • Environmental and Social Impact Assessment (ESIA) Project, carried out by CES-iC and financed by KfW; • Definition and approval of the site in the Hade e Re area of twenty-five (25) hectares of land, for installing solar panels and a thermal energy storage facility; • Signing of the contract with the consultancy company iC–CES Consulten from Vienna in January 2024;

											<ul style="list-style-type: none"> • Application for electro-energetic consent with KEDS (connection of the plant to the 110/10(20) kV transformer) and for connection conditions to the Prishtina RWC water supply network; • Approval of the Planning Project Report (PPR); • Preliminary approval of the new Master Plan for network expansion as part of this project; • Application for the identification of cadastral parcels and for expropriation conditions for areas through which the route passes; • Approval by KfW of the Terms of Reference for publishing the prequalification tender for companies interested in participating in the project; • Coordination of the necessary alignment of the criteria that companies applying for prequalification must meet; • Termokos has engaged a licensed consultancy firm for the expropriation/servitude study for pipeline corridors, delivering it to the Ministry of Finance, Labour and Transfers (MFLT).
II.3.3	Construction of the Solar District Heating Project – Solar4Kosovë	2027	€ -		€ 45,520,162.00	€ 36,000,000.00	KfW, EBRD, WBI F, National Contribution	Termokos	Additional 50 MWth of solar energy for Termokos, benefiting up to 12,000 households .	Energy Strategy 2022 - 2031 Termokos Development Plan for the period 2022-2031	The implementation of the project has not yet commenced.

MONITORING OF THE IMPLEMENTATION OF KESIP FOR THE PERIOD 2022-2025: STRATEGIC OBJECTIVE 3

SO3: INCREASING ENERGY EFFICIENCY

No.	Strategic and specific objectives, indicators and actions	Baseline value	Interim objective 2025	Last year's objective 2031	Result
III.	STRATEGIC OBJECTIVE 3: INCREASING ENERGY EFFICIENCY (EE)				
1.	Indicator: The level of final energy consumption	1516 ktoe [2017]	1709 ktoe	1877 ktoe	
2	Indicator: Cumulative energy savings achieved in the construction sector	2.7 ktoe [2021]	17.76 ktoe	266.4 ktoe	6.6 ktoe (2024)
III.1	Specific Objective: Improving Energy Efficiency (EE) in buildings				
	Indicator	Baseline value	Short-term objective 2025	Last year's objective 2031	
1.	Total cumulative energy savings in public buildings	2.6 ktoe [2021]	3.3 ktoe	33.9 ktoe	
2	Total cumulative energy savings	0.1 ktoe [2021]	14.46 ktoe	232.5 ktoe	

	in residential and commercial public buildings										
3	The number of buildings with near-zero energy consumption	0	10	150	Improving energy efficiency of new public buildings.						
No.	Action	Deadline	Budget				Source of funding	Leading and supporting institution	Product	References to documents	Implementation progress for 2024
			Year 2022	Year 2023	Year 2024	Year 2025					
III.1.1	Review of the Law on Energy Efficiency (EE)	2023	€ -	€ 10,800.00	€ -	€ -	Kosovo Budget, donors	ME, MESPI, KFEE	Law on Energy Efficiency adopted	Energy Strategy for the period 2022-2031	The final draft prepared by the Consultancy and the Working Group (WG) has been received, and this draft has been forwarded to the Working Group (WG) for comments. After addressing the comments, the final draft has been finalized and is ready for preliminary and public discussion.
WG	Approval of bylaws related to Law on Energy Efficiency	2024	€ -	-	€ 90,000.00	€ -	Kosovo Budget, donors	ME, MESPI, KFEE	Approval of secondary legislation related to the Law on Energy Efficiency	Law on Energy Efficiency	According to the plan, the activity is expected to begin after the approval of the Law on Energy Efficiency (EE).
III.1.3	Review of the Law on Energy Performance of Buildings	2023	€ 22,600.00	-	-	€ -	Kosovo Budget, donors	MESPI	Law on Energy Performance of Buildings adopted	National Development Plan 2023-2025	Law No. 08/L-242 on Energy Performance of Buildings has been approved and published in the Official Gazette (OG) on 12.06.2024.
III.1.4	Adoption of bylaws related to the Energy Performance of Buildings	2024	€ 150,000.00	€ 20,000.00	€ -	€ -	Kosovo Budget, donors	MESPI	Adoption of secondary legislation related to the energy performance of buildings	Law on Energy Performance of Buildings	A draft regulation has been drafted concerning the national methodology for energy performance in buildings, in compliance with the new EN standards. Work has been done on the optimal cost in buildings at the energy

											performance level leading to the lowest cost during the assessment of the economic life-cycle.
III.1.5	Developing the National Register of Energy Performance of Buildings	2023	€ 90,000.00	€ 20,000.00	€ -	€ -	Kosovo Budget (KB) € 20,000 donors: 90.000€	MESPI, ME	There is a functional national register	Law on Energy Efficiency (EE) & Law on Energy Performance of Buildings	Project - platform on the centralization of information in the field of Energy Efficiency (EE). The “National Register in the Field of Energy Efficiency (EE) in Buildings,” as a system installed on the servers of the Information Society Agency (ISA), has been tested with the issuance of two energy performance certificates for buildings.
III.1.6	Drafting and adoption the Building Renovation Strategy	2024	€ -	€ -	€ 25,000.00	€ -	Donors	MESPI	Building Renovation Strategy adopted	Law on Energy Efficiency (EE) & Law on Energy Performance of Buildings	Work has been initiated with donors to support drafting the Building Renovation Strategy, and LUX-DEV has opened a call for expressions of interest in preparing this document.
III.1.7	Public awareness-raising campaign	Yearly	€ 10,000.00	€ 5,000.00	€ 5,000.00	€ -	Kosovo Budget, donors	ME, KFEE, MESPI	Public awareness-raising campaigns organized	Energy Strategy for the period 2022-2031	An awareness campaign was carried out during the period of subsidy-application calls.
III.1.8	Implementation of Energy Efficiency (EE) measures in public buildings (central level)	2023	€ -	€ 2,400,000.00	€ -	€ -	Kosovo Budget (KB), Donors (WB)	ME	Twelve (12) public buildings at the central level (05. ktoe)	Energy Strategy for the period 2022-2031	Implementation of Energy Efficiency (EE) and renewable energy measures in central-level public facilities: “Implementation of Energy Efficiency (EE) measures in twelve (12) public facilities, including six (6) facilities within UCK, three (3) hospitals, and three (3) administrative buildings.” Lot 1 – The works in six (6) hospital facilities under LOT 1 (Pediatrics, Surgery, Oncology, Child Psychiatry, Psychiatric Intensive Ward, and the connecting bridge between the ENT and Surgery wards) were completed at the end of

											<p>August, and the technical acceptance of the works ended in September. The DLP/warranty period for the works has started and will last twelve (12) months from the completion of the works.</p> <p>Lot 2 – foresees investments in three (3) hospitals (the Psychiatry Hospital in Gjakova, the Physiotherapy Hospital in Prizren, the Morgue Hospital in Prizren) and three (3) administrative facilities. These are in the final stage, and under the contract, the works will be concluded at the end of November. The technical acceptance of the works will be conducted in December. The project concluded at the end of 2024, and the DLP/warranty period for the works has started and will last twelve (12) months from completion.</p>
III.1.9	Implementat ion of Energy Efficiency (EE) measures in public buildings (at the municipal level);	Yearly	€ 6,435,061. 23	€ 9,924,938.7 7	€ 500,000.00	##### ##	Kosovo Budget (KB), Donors (EU, WB-KEEREP)	KEEF	Energy saving about 3 ktoe/year	Energy Strategy for the period 2022-2031	<p>In 2020 and 2021, KEEF published two public calls inviting all municipalities to apply for public buildings and street lighting systems in order to improve Energy Efficiency (EE) under the Municipal Energy Efficiency Project, supported by the World Bank (WB), the European Union (EU), and the Government of the Republic of Kosovo (GRK).</p> <p>From these calls, one hundred and fifty (150) Project Initiation Agreements were signed. Out of those, for eighty-six (86) facilities, KEEF has signed Energy Service Agreements with municipalities. Within these projects, consultancy contracts (energy audit, design, and supervision) and work-implementation contracts have been concluded.</p> <p>During the period January–June 2024, energy audits and designs for thirty-four (34) new facilities (from previous public calls) were completed. For seventeen (17) of</p>

											these, the tendering procedure for the works and supervision contracts was finalized. At the end of 2024, energy service agreements were signed for seventeen (17) buildings with six (6) municipalities in our country. The total number of completed projects is eighty-four (84), and the energy savings value is 1.7 ktoe/year.
III.1. 10	Implementat ion of Energy Efficiency (EE) measures in public buildings (at the municipal level);	2023	€ -		€ 2,500,000.0 0	##### ##	Kosovo Budget, KfW, WBIF	ME	Eight (8) school buildings (1 ktoe)	Energy Strategy for the period 2022-2031	The Project Implementation Unit established.
III.1. 11	Green Cities Framework 2 Window 2 - Energy Efficiency (EE) in Public Buildings in Prishtina	2025	€ -	€ 1,000,000.0 0	€ 2,000,000.0 0	##### ##	Loan from the EBRD.	Municipal ity of Prishtina.	Implementatio n of EE measures in up to 47 buildings owned by the municipality. Energy saving 1 ktoe.	Energy Strategy for the period 2022-2031	

III.1. 12	Implementat ion of Energy Efficiency (EE) measures in public buildings in Prizren	2025	€ -	€ 1,000,000.0 0	€ 2,000,000.0 0	##### ##	Loan from the EBRD.	Municipal ity of Prizren	Implementatio n of Energy Efficiency (EE) measures in up to 47 buildings owned by the municipality. Energy saving 1 ktoe	Energy Strategy for the period 2022-2031	
III.1. 13	Implementat ion of Energy Efficiency (EE) measures in the residential sector (twenty-six (26) Multi- Apartment Buildings (MABs);	2022	€ 4,850,000. 00	€ -	€ -	€ -	MMC- Millennium Foundation Kosovo	MCC, ME, Municipal ity	Twenty-six (26) Multi- Apartment Buildings (MABs) renovated, achieving savings of up to thirty percent (30%).	The Law on Energy Efficiency, the Law on Energy Performanc e of Buildings, the 4th National Action Plan for Energy Efficiency (EE)	
III.1. 14	Feasibility study for the implementat ion of Energy Efficiency (EE) measures in the residential and private sector	2024	€ -	€ -	€ 200,000.00	€ -	Donors (WBIF)	KEEF	Feasibility study completed	Energy Strategy for the period 2022-2031	GAP analyses has been carried out, as well as the final studies for the schemes in the residential sector have been carried out and presented, including the roadmap and it is considered final.

III.1. 15	Implementat ion of Energy Efficiency (EE) measures in the residential sector (individual houses)	2024	€ -	€ 5,000,000.0 0	€ 5,000,000.0 0	€ -	European Commission / IPA Funds	KEEF	Energy saving - 2 ktoe/year	Energy Strategy for the period 2022-2031	<p>During 2023, the Kosovo Energy Efficiency Fund (KEEF) published a Public Call. The Public Call for Applications for the implementation of the “Emergency Project for the Implementation of Energy Efficiency (EE) Measures for Individual Residential Houses” with the support of the European Union (EU), under the IPA program, Energy Support Package of the Government of the Republic of Kosovo (GRK).</p> <p>From this call, 3,321 applications were reviewed. A total of 2,148 pre-approval letters were issued, with a reserved amount of €8,230,050 according to the pre-approval letters. There are 2,100 beneficiary families. The number of applications that have received disbursement is 1,811, and the amount is €6.7 million, whereas 1,010 applications were on the waiting list (due to lack of auditors’ reports). KEEF issued a public call for this list, and two hundred sixty-seven (267) applicants responded. These applications were verified by nine (9) companies engaged by KEEF, and 1,789 agreements have been signed. The total budget spent on this process has reached the amount of €6,347,438.91.</p> <p>KEEF initiated the process of handling the waiting list from the previous call, and two hundred thirty-nine (239) houses responded. Twenty-five (25) of them have energy audit reports, whereas for two hundred twelve (212) houses, KEEF initiated a tender procedure for preparing energy audits and verifying the implementation of measures. From this list, forty-eight (48) agreements have been signed with a value of €161,053.39.</p> <p>On 26 August 2024, KEEF continued with a second public call</p>
--------------	--------------------------------------------------------------------------------------------------------------------------------	------	--------	-----------------------	-------------------------------------	--------	---------------------------------------	------	--------------------------------	---------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

											for individual houses, with a designated amount of €5 million. During this second call, 1,296 valid applications were received, of which 1,237 were pre-approved, forty-three (43) rejections, and sixteen (16) applicants withdrew from the subsidy. From this call, which is still ongoing, eight hundred six (806) agreements have been signed, and the total budget spent so far on this process is €2,836,510.70. Under the first public call for the Emergency Project for the Implementation of Energy Efficiency (EE) Measures in individual residential houses, the energy savings value is 4.4 ktoe/year.
III.1. 16	Implementat ion of Energy Efficiency (EE) measures in the residential sector - social multi- apartment buildings (MAB) - owned by municipaliti es.	2024	€ -	€ 5,000,000.0 0	€ 5,000,000.0 0	€ -	European Commission / IPA Funds	KEEF	Energy saving - 2 ktoe/year	Energy Strategy for the period 2022-2031	During 2023, KEEF published a public call for applications for the Emergency Project for Energy Efficiency (EE) Measures for Social Multi-Apartment Buildings owned by municipalities, supported by the European Union under the IPA program, the Energy Support Package of the Government of the Republic of Kosovo (GRK), with the support of the European Union (EU) under the IPA program, the Energy Support Package of the Government of the Republic of Kosovo (GRK). From this call, Project Initiation Agreements have been signed for twenty-eight (28) Social Multi-Apartment Buildings (MABs) in thirteen (13) municipalities. Recently, KEEF has signed Co-Financing Agreements with twelve (12) municipalities for twenty-five (25) social Multi-Apartment Buildings (MABs), and through

											seven (7) works contractors, the implementation of EE measures in these buildings has begun. For one municipality, KEEF is awaiting the resolution of complaints in the Procurement Review Body (PRB) regarding the selection of the works contractor. The total budget spent for this process has reached €240,763.80.
III.1.17	Implementat ion of Energy Efficiency (EE) measures in the residential sector and MSMEs.	2025	€ -	€ -	€ -	##### ##	Donors (WBIF)	KEEF	Energy saving 0.14 ktoe	Energy Strategy for the period 2022-2031	
III.1.18	Implementat ion of Energy Efficiency (EE) measures in the residential sector;	2022/2023	€ 5,000,000. 00	€ 10,000,000. 00	€ -	€ -	Kosovo Budget (KB), donors.	ME	Subsidy schemes for efficient heating equipment, efficient household appliances & solar systems	Energy Strategy for the period 2022-2031	

III.1. 19	Implementat ion of Energy Efficiency (EE) measures in the residential sector (Micro, Small and Medium- Sized Enterprises - MSMEs).	2023	€ -	€ 5,000,000.0 0	€ -	€ -	European Commission / IPA Funds	ME	Subsidy schemes for efficient heating equipment, efficient work appliances & solar systems	Energy Strategy for the period 2022-2031	
III.1. 20	Installation of solar PV systems in regional water companies (RWCs)	2024	€ -	100000.00	€ 14,900,000. 00	€ -	KfW	ME	Diversificat ion of energy sources in RWCs, about twenty-six percent (26%) of energy consumptio n will be covered by RES	Energy Strategy for the period 2022-2031	Review of the project's terms of reference by the Ministry of Economy (ME) and KfW.
III.1. 21	Developmen t of the ESCO market	2024 /2025	€ -	€ -	€ 10,000.00	##### ##	Donors	ME	Three types of sample contracts have been developed for ESCO and a methodology for defining ESCO	Administrat ive Instruction (AI) on Energy Service Providers	No development.
III.2	Specific Objective: Promoting efficient co-generation and efficient District Heating (DH) systems										
	Indicator	Baseline value			Short-term objective 2025		Last year's objective 2031				

1.	Increasing of co-generation capacity in “Termokos” (Prishtina)	140 MWth		140 MWth		280 MWth					
2	The number of consumers connected to District Heating systems (Prishtina & Gjakova)	17.791		24.560		38,240 in Prishtina and Gjakova. For other municipalities, it will be decided based on the feasibility study.		17,791 (2024)			
No.	Action	Deadlin e	Budget				Source of funding	Leading and supportin g institutio n	Product	References to documents	Implementation progress for 2024
			Year	Year	Year	Year					
			2022	2023	2024	2025					

III.2.1	Expansion and rehabilitation of the District Heating (DH) network of Prishtina;	Yearly	€ 9,200,000.00	€ 6,676,063.00	€ 2,835,663.00	##### ##	KfW/Termokos	Termokos	District Heating (DH) network expanded and rehabilitated	<p>The Prishtina District Heating (DH) Network Expansion and Rehabilitation Project, financed by KfW in co-financing with POE “Termokos” JSC, is divided into two (2) tender packages, T1 and T2.</p> <p>1. Contract T-1, “Supply and Installation of Heat Storage, Thermal Substations, Chemical Water Treatment and SCADA.” The contract for this tender package was signed at the end of December 2021.</p> <p>Work for the implementation of the project under Contract T1 (substations) has been fully completed, with the installation of:</p> <ul style="list-style-type: none"> • three hundred twenty-five (325) new substations in the expansion and densification areas; • two hundred twenty-five (225) rehabilitated/replaced substations; • thirty-one (31) automated substations. <p>Within this project, two (2) heat storage reservoirs, each of 400 m³ for a total capacity of 800 m³ (2×400 m³), have been constructed, the system has been integrated into SCADA, and the pressure maintenance system in the distribution network has been rehabilitated:</p> <ul style="list-style-type: none"> • The water-softening system has been functionalized. • The handover of works for the substations has been completed. <p>Contract T-2, Project: “Improvement of the District Heating System Pristina,” Contract 2 – supply and installation of DH pipes.”</p> <p>Work carried out under Contract T2: The contract for this tender package was signed at the end of December 2020, while actual fieldwork began in early May 2021.</p>
---------	---------------------------------------------------------------------------------	--------	----------------	----------------	----------------	-------------	--------------	----------	----------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

											<p>The planned work under Contract T2 (supply and installation of pre-insulated pipes) for the expansion, densification, and rehabilitation of the district heating network has been fully completed, with the installation of:</p> <ul style="list-style-type: none"> • 13 km of pre-insulated pipe – rehabilitation/replacement of the heating network; • 32 km of pre-insulated pipe – expansion and densification of the heating network. <p>Through this “Expansion and Rehabilitation of the District Heating (DH) Network” project, 13,030 consumers have been connected to the heating network, of which 7,966 are currently active consumers and 5,064 are passive consumers.</p>
--	--	--	--	--	--	--	--	--	--	--	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

III.2. 2	Feasibility study for increasing the thermal capacity at the Kosova B Cogeneration from 140 MWth to 280 MWth.	2023	€ -	€ 1,500,000.00	€ -	€ -	IPA 2020 / Municipality of Prishtina / Termokos	Termokos / KEK	Feasibility study finalized	<p>Energy Strategy 2022 - 2031</p> <p>Termokos Development Plan 2022 - 2031;</p> <p>This project is part of the master plan study for network expansion and provision of additional thermal energy capacity by doubling the generating capacity from 140 to 280 MWth from TPP “Kosova B.” The following developments for this project have been completed:</p> <ul style="list-style-type: none"> • The decarbonization project was approved by the company's Board in January 2024; • The consultancy company has presented the initial design for the installation of pipes in the turbine hall TUH, HES1 & HES2, as well as the network HES-2 HRS-2; • A concept design was prepared for network expansion under this project; • The proposed route for the TPP “Kosova B”–Termokos network was presented; • The location for HRS-2 has been defined. The existing Termokos building will be designated for this purpose; • The basic hydraulic calculation of the cogeneration transmission network has been presented, including the connection for the Municipality of Obiliq and the Solar Plant. • The project’s financial assessment has been prepared; • The Environmental and Social Impact Assessment (ESIA) Report was approved by EIB; • Work continues on completing the necessary documentation for various permits: identification of parcels along the route, expropriation documentation, environmental consent, etc.; • The expropriation/servitude documentation is being finalized for submission to MESPI; • The project financing plan was presented but has not yet been approved by Termokos;
-------------	---------------------------------------------------------------------------------------------------------------	------	-----	----------------	-----	-----	-------------------------------------------------	----------------	-----------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

											<ul style="list-style-type: none">• A joint meeting with the Ministry of Finance, Labour and Transfers (MFLT), the Ministry of Economy (ME), the Municipality of Prishtina, TetraTech, and the EIB was held to address financing modality requests;• A new network expansion master plan was approved for this project.
--	--	--	--	--	--	--	--	--	--	--	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

III.2. 3	Doubling the production capacity of cogeneration from 140 MWth to 280 MWth and expanding the transmission network.	2025	€ -	€ -	€ 12,000,000.00	##### ##	Donors/Municipality of Prishtina/Termokos	Termokos / KEK	Thermal generation capacities doubled. It is expected to meet the budget up to the value of 80,000,000 from donors and international financial institutions. The project is expected to be completed and 2027.	Energy Strategy for the period 2022-2031 Termokos Development Plan for the period 2022–2031	The implementation of the project has not commenced.
III.2. 4	Installation of metering devices for Termokos' consumers.	2023	€ 6,000,000.00	€ 4,000,000.00	€ -	€ -	MFK	MFK / Termokos	Heating costs and consumption controlled for up to 17,500 customers of Termokos	Energy Strategy for the period 2022-2031 Termokos Development Plan for the period 2022–2031	The contract for this project was signed in April 2022 between MFK (Millennium Foundation-Kosovo) and the contractor ENERCO LLC – Prishtina, and commenced on 27.07.2022. The first part of the project has been completed, and regarding the installations, the following were realized: –Thermostatic valves: 77,632 units; –Allocators: 56,144 units; –Thermal energy meters: 4,202 units; –Circulation pumps: two hundred and thirty-three (233) units; –Balancing valves – eighteen (18) units; –Thermostatic valves and allocators were installed in 17,469 apartment units. –Apartment units completed at one hundred percent (100%) are 16,221 apartment units.

III.2.5	Improvement of the performance of the District Heating in Gjakova.	2023	€ 2,361,000.00	€ 823,000.00	€ -	€ -	Swiss State Secretariat for Economic Affairs (SECO), Municipality of Gjakova	District Heating (DH) Gjakova	Improving the performance of DH Gjakova, improving the heating network of the regional hospital; connecting additional public facilities	District Heating (DH) Development plan for the period 2022-2023	There was no activity planned to be carried out during the January – December 2024.
III.2.6	Subsidy for household consumers and MSME	2024	€ -	€ -	€ 14078039.46	€ -	EU Funds	ME	Household Consumers Support and MSME Support Services	Energy Strategy 2022 - 2031	A total of four public calls have been made to support household consumers and MSMEs in investing in efficient heating equipment, as well as renewable energy systems. A total of 32,937 beneficiaries have received subsidies.

MONITORING OF THE IMPLEMENTATION OF KESIP FOR THE PERIOD 2022-2025: STRATEGIC OBJECTIVE 4

SO4: STRENGTHENING REGIONAL COOPERATION AND MARKET FUNCTIONING

No.	Strategic and specific objectives, indicators and actions	Baseline value		Interim objective 2025	Last year's objective 2031	Result					
IV.	STRATEGIC OBJECTIVE 4: STRENGTHENING REGIONAL COOPERATION AND MARKET FUNCTIONING										
1.	Market integration into pan-European electricity markets	Non in place.		Market integration with Albania 2023.	Membership in the pan-European market area						
IV.1	Specific Objective: Strengthening regional cooperation										
	Indicator	Baseline value		Short-term objective 2025	Last year's objective 2031						
1.	Offered cross-border capacity /Nominal cross-border capacity	Export: 22-24%, Import: 24-26%		Each direction minimum 28-30%	Each direction 70%.						
No.	Action	Deadli ne	Budget				Source of funding	Leading and supporting institution	Product	References to documents	Implementation progress for 2024
			Year 2022	Year 2023	Year 2024	Year 2025					

IV.1.1	Coupling with the day-ahead market with Albania through the ALPEX power exchange.	2023	€ -	€ -	€ -	ALPEX	ALPEX, KOSTT, ERO, ME	Integration of wholesale electricity markets	ALPEX Rules	On 31 January 2024, “ALPEX” Sh.A. commenced operations in the Kosovo trading zone; additionally, on the same day, the Kosovo-Albania market coupling began.
IV.1.2	Coupling with the intraday market with Albania through the ALPEX power exchange.	2024	€ -	€ 1,400,000.00	€ 1,350,000.00	ALPEX	ALPEX, KOSTT, ERO, ME	Integration of intra-day electricity markets	ALPEX Rules	At the end of 2024, the ERO approved the proposed amendments to ALPEX Rules in order to implement the intraday market in the European standard. On 11 December 2024, ALPEX organized the first auctions related to the Intraday Market, specifically for the Delivery Day on 12 December 2024.
IV.1.3	Feasibility study on regional/European market coupling (SDAC, SIDC)	2024	€ -	€ -	€ 250,000.00	Donor, Kosovo Budget	KOSTT, ERO, ME	Integration of wholesale electricity markets	Energy Strategy for the period 2022-2031	In Athens, in November 2023, a memorandum for market coupling was signed by the exchanges, TSOs, and regulators of Kosovo, Albania, North Macedonia, and Greece.
IV.2	Specific Objective: Removal of barriers for the effective functioning of the market									
	Indicator	Baseline value		Short-term objective 2025		Last year's objective 2031				
1.	BSA withdrawal status	BSA available		Removal of BSA begins		BSA not available				

2	Number of bids available to non-household customers	1.		6		> 6					
No.	Action	Deadli ne	Budget				Source of funding	Leading and supporting institution	Product	References to documents	Implementation progress for 2024
			Year 2022	Year 2023	Year 2024	Year 2025					
IV.2. 1	Drafting and adoption of Law on Energy	2023	€ -	€ 13,500.00	€ -	€ -	Kosovo Budget (KB)	ME, ERO, KOSTT, KEK	Law adopted and aligned with EU directives	Energy Strategy 2022 - 2031	The Draft Law on Energy has passed preliminary and public discussion and was submitted for comments to the ECS. Comments received from all discussions, including those from the ECS, have been addressed. An opinion on the financial impact assessment has been received from MFLT, and an opinion on compliance with EU legislation from the Legal Office/Prime Minister’s Office (DDB/ZKM). This draft law is ready to be sent to the Government of the Republic of Kosovo (GRK) for approval.
IV.2. 2	Drafting and adopting bylaws based on the Law on Energy	2024	€ -	€ -	€ 30,800.00	€ -	Kosovo Budget (KB)	ME, ERO, KOSTT	Secondary legislation adopted	Energy Strategy for the period 2022-2031	After the approval of the Law on Energy, the drafting and approval of secondary legislation deriving from the law will continue.

IV.2. 3	Drafting and adopting the Law on Electricity	2023	€ -	€ 10,800.00	€ -	€ -	Kosovo Budget (KB)	ME, ERO, KOSTT	Law adopted and aligned with EU directives	Energy Strategy for the period 2022-2031	The Draft Law on Energy has passed preliminary and public discussion and was submitted for comments to the ECS. Comments received from all discussions, including those from the ECS, have been addressed. An opinion on the financial impact assessment has been received from MFLT, and an opinion on compliance with EU legislation from the Legal Office/Prime Minister's Office (DDB/ZKM). This draft law is ready to be sent to the Government of the Republic of Kosovo (GRK) for approval.
IV.2. 4	Drafting and adopting bylaws based on the Law on Electricity	2024	€ -	€ -	€ 30,800.00	€ -	Kosovo Budget (KB)	ME, ERO, KOSTT, KEK	Secondary legislation adopted	Energy Strategy for the period 2022-2031	After the approval of the Law on Electricity, the drafting and approval of secondary legislation deriving from the law will continue.
IV.2. 5	Drafting and adopting the Law on Energy Regulator	2023	€ -	€ 13,500.00	€ -	€ -	Kosovo Budget (KB)	ME, ERO	Law adopted and aligned with EU directives	Energy Strategy for the period 2022-2031	The draft of the Law on the Energy Regulator has been prepared by the inter-institutional Working Group (WG) with the support of the consultant and is pending to be forwarded for preliminary discussion.

IV.2. 6	Drafting and adopting bylaws based on the Law on Energy Regulator	2024	€ -	€ -	€ 30,800.00	€ -	Kosovo Budget (KB)	ME, ERO	Secondary legislation adopted	Energy Strategy for the period 2022-2031	After the approval of the Law on the Energy Regulator, the drafting and approval of secondary legislation deriving from the law will continue.
IV.2. 7	Initiation of studies on the barriers of the competitive electricity market and on the most appropriate method of phasing out the BSA	2025	€ -	€ -	€ -	€ 50,000.00	Kosovo Budget, donors	ME, ERO	Increased competition in the market	Energy Strategy for the period 2022-2031	
IV.3	Specific objective: Training in energy-related fields and women's inclusion										
	Indicator	Baseline value		Short-term objective 2025		Last year's objective 2031					
1.	Number of new graduates per year receiving an academic degree, or professional qualification in new programs in the field of energy, and related fields	N/A		To be assigned		To be assigned		459 (2024)			
2	Percentage of women employed in the energy sector.	9% [2021]		11%		25%		N/A			

No.	Action	Deadline	Budget				Source of funding	Leading and supporting institution	Product	References to documents	Implementation progress for 2024
			Year 2022	Year 2023	Year 2024	Year 2025					
IV.3.1	Development of new technical training programs.	2024 - 2025	€ -	€ -	€ 350,000.00	€ 350,000.00	Donors	MCAK	Skilled workforce for the future of Renewable Energy Sources (RES).	Energy Strategy for the period 2022-2031	This project will start to be implemented in 2025.
IV.3.2	Preparing gender inclusive infrastructure and policy planning.	2024 - 2025	€ -	€ -	€ 300,000.00	€ 300,000.00	Donors	MCAK	Twenty-five percent (25%) women in the energy sector workforce by 2031	Energy Strategy for the period 2022-2031	This project will start to be implemented in 2025.
IV.3.3	Drafting of new professional standards and curricula, according to the requirements of the labor market.	2024	€ -	€ -	€ 10,000.00	€ -	Kosovo Budget (KB)	MESTI	Professional standards and new curricula prepared.		Four (4) new standards have been drafted in the energy sector based on labor market requirements: 1. Photovoltaic Energy Technician, 2. Energy Efficiency in Construction Technician, 3. Wind Energy Technician, 4. Biomass Energy Technician. These four (4) professional standards have been forwarded to the National

**MONITORING OF THE IMPLEMENTATION OF KESIP FOR THE PERIOD 2022-2025:
STRATEGIC OBJECTIVE 5**

SO5: PROTECTING AND EMPOWERING CONSUMERS

No.	Strategic and specific objectives, indicators and actions	Baseline value	Interim objective 2025	Last year's objective 2031	Result
V.	STRATEGIC OBJECTIVE 5: PROTECTING AND EMPOWERING CONSUMERS				
1.	The number of new schemes dedicated to vulnerable consumers	N/A	2	4	.
2	Number of programs supporting energy efficiency and self-consumption community projects	1	> 2	> 5	
V.1	Specific Objective: Protecting vulnerable consumers				
	Indicator	Baseline value	Short-term objective 2025	Last year's objective 2031	
1.	Price support scheme for vulnerable consumers	Existing support scheme (not properly targeted) [2021]	Establishing new program for the vulnerable consumers.	Poverty-tested scheme related to the reformed social assistance scheme	

No.	Action	Dead line	Budget				Source of funding	Leading and supporting institution	Product	Reference s to documents	Implementation progress for 2024
			Year 2022	Year 2023	Year 2024	Year 2025					
V.1.1	Supporting vulnerable consumers through existing support schemes Annual	Yearly	€ 4,500,000.00	€ 4,500,000.00	€ -	€ -	Kosovo Budget (KB)	Ministry of Finance, Labour and Transfers (MFLT).	Annual support schemes	Medium-Term Expenditure Framework 2023-2025	This scheme has been replaced with the Pilot Program for Vulnerable Consumers explained in V.1.4
V.1.2	Creation of a new support scheme for vulnerable consumers	Yearly	€ -	€ -	€ 10,000,000.00	€ 10,000,000.00	Kosovo Budget (KB)		Annual support schemes	Medium-Term Expenditure Framework 2023-2025	There will be no “new” scheme. The Government has approved the Program for the Protection of Vulnerable Electricity Consumers for 2023/2024. Under this program for 2023/2024, a total of 61,247 families have been subsidized. €15,025,732.73 have been spent on these subsidies.
V.1.3	Designing a five-year program for the protection of vulnerable consumers	2023/2024	€ -	€ 10,000.00	€ -	€ -	Donors		Drafting and adoption of the program for vulnerable consumers	Energy Strategy for the period 2022-2031	The Program for the Protection of Vulnerable Electricity Consumers for 2024/2025 has been finalized and adopted, and is being implemented until April, at which point 100% of this program will have been applied.

V.1.4	Drafting and adoption of a one (1) year program for the implementation of measures to support vulnerable consumers	2023	€ -	€ 10,000.00	€ -	€ -	EU-Funds, IPA
V.1.5	Support through subsidizing part of the bill for beneficiaries of social and pension schemes as well as households who are selected through a formal tested scheme	2023	€ -	€ 20,000,000.00	€ -	€ -	EU-Funds, IPA
V.1.6	Support through subsidizing alternative methods (wood and pellets) for heating purposes for vulnerable groups	2023	€ -	€ 5,000,000.00	€ -	€ -	EU-Funds, IPA

One (1) year program drafted and adopted	Minister's decision on the establishment of the Working Group (WG).	The program for the period 2023–2024 began implementation in January 2024. From this program, 61,069 families have benefited. The subsidy has been disbursed in six tranches during the period January–July 2024 in the form of direct payment of a portion of the bill.
Number of vulnerable families supported through direct subsidy (200,000 beneficiaries)	Measure 1: Action Plan - Mitigating the immediate socio-economic impact of the energy crisis	Included within Action 1.4.
Number of vulnerable families benefiting from support (10,000 families)	Measure 1: Action Plan - Mitigating the immediate socio-economic impact of the energy crisis.	It was finalized in 2023; around 20,000 families on social assistance benefited from the subsidy.

V.1.7	Supporting households by subsidizing the current month's electricity bill based on the percentage of energy savings they have made compared to the same month of the previous year	2023	€ -	€ 15,000,000.00	€ -	€ -	EU-Funds, IPA		Number of households supported through energy-saving	Measure 1: Action Plan - Mitigating the immediate socio-economic impact of the energy crisis.	It was active between October 2022 and April 2023, during which approximately 300,000 families benefited.
V.2	Specific Objective: Empowering consumers										
	Indicator	Baseline value		Short-term objective 2025		Last year's objective 2031					
1.	Implementation of energy awareness-raising and information campaigns	6 [2021]		9 per year		9 per year	17 (2024)				
2	Diversity and comparability of services provided to consumers	There are no offers available		Launching the Price Comparison Tool.		Alternative offers available to all customers					
No.	Action	Dead line	Budget				Source of funding	Leading and supporting institution	Product	References to documents	Implementation progress for 2024
			Year 2022	Year 2023	Year 2024	Year 2025					

V.2.1	Drafting legislation on the Price Comparison Tool, with detailed guidelines on the information to be provided in the Tool	2023	€ -	€ 20,000.00	€ -	€ -	Donors	ERO	The legal framework enables the development of the Price Comparison Tool	Energy Strategy for the period 2022-2031	Procedure and proper instructions have been completed.
V.2.2	Development of Price Comparison Tool	2023	€ -	€ 7,000.00	€ -	€ -	ERO	ERO	Fully operational Price Comparison Tool	Energy Strategy for the period 2022-2031	The application must be updated so that it functions according to the latest Windows operating system.
V.3	Specific Objective: Preserving human health and environment										
	Indicator	Baseline value		Short-term objective 2025		Last year's objective 2031					
1.	Dust, NOx and SO ₂ emissions of lignite power plants	TPP "Kosova B": Dust: over 300 mg/ Nm ³ , NOx: over 500 mg/ Nm ³ SO ₂ : over 600 mg/ Nm ³ TPP "Kosova A": Dust: over 50 mg/ Nm ³ , NOx: over 600 mg/ Nm ³ SO ₂ : over 600 mg/ Nm ³		TPP "Kosova B2": Dust: 20 mg/ Nm ³ , NOx: 200 mg/ Nm ³ , SO ₂ : 600 mg/ Nm ³ TPP "Kosova B1": Dust: over 300 mg/ Nm ³ , NOx: over 500 mg/ Nm ³ , SO ₂ : over 600 mg/ Nm ³ TPP "Kosova A3": Dust: 20 mg/ Nm ³ , NOx: over 200 mg/ Nm ³ , SO ₂ : over 200 mg/ Nm ³ TPP "Kosova A4 & A5": Dust: over 50 mg/ Nm ³ , NOx: over 600 mg/ Nm ³ , SO ₂ : over 600 mg/ Nm ³		TPP "Kosova B": Dust: 20 mg/ Nm ³ , NOx: 200 mg/ Nm ³ , SO ₂ : 200 mg/ Nm ³ TPP "Kosova A": Dust: 20 mg/ Nm ³ , NOx: 200 mg/ Nm ³ , SO ₂ : 200 mg/ Nm ³					

No.	Action	Dead line	Budget				Source of funding	Leading and supportin g institution	Product	Reference s to document s	Implementation progress for 2024
			Year 2022	Year 2023	Year 2024	Year 2025					

V.3.1	Increasing the KEPA capacities for monitoring, evaluating and reporting emissions from large combustion plants	2025	-	€ 9,000.00	€ 9,000.00	€ 9,000.00	Kosovo Budget (KB)	MESPI, Kosovo Environmental Protection Agency (KEPA)	Increasing the KEPA staff capacities for monitoring, evaluating and reporting emissions from large combustion plants	Administrative Instruction on the Rules and Standards of the Discharges on Air and Stationary Sources of Pollution	<p>During the period January–December 2024, within the framework of the “Capacity Building for Air Pollution Control in Kosovo” project supported by JICA, five (5) officials of KEPA were trained in monitoring, assessment, verification, and reporting of emissions from large combustion plants, and four (4) trainings and workshops were held. Seven (7) officials from KEPA and MESPI participated in a study visit to Japan, where, among other topics, pollution sources from industry and other sectors were addressed. # officials from KEPA participated in the air emissions conference under CLRTAP, which was held in Brussels.</p> <p>Data on emissions from large combustion plants have been reported to the European Environment Agency within the Energy Community – Reporting on Combustion Plants obligations (https://cdr.eionet.europa.eu/xk/eu/energycommunity/envzcosca/). In addition, data on emissions from large combustion plants have also been included in air emissions inventory reporting in accordance with CLRTAP requirements (https://cdr.eionet.europa.eu/xk/un/clrtap/inventories/). Data on emissions from large combustion plants have likewise been included in the Air Quality Report 2023 and the Environment Status Report 2023.</p>
-------	----------------------------------------------------------------------------------------------------------------	------	---	---------------	----------------------	---------------	--------------------	------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

End of document