



Republic of Kosovo
Republika Kosova-Republic of Kosovo
Qeveria
Vlada-Government
Ministry of Economic Development
Ministarstvo Ekonomskog Razvoja – Ministry of Economic Development

ENERGY STRATEGY
IMPLEMENTATION PROGRAM
2018-2020

Prishtina, July 2018

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Abbreviations

ACER	Agency for Cooperation of Energy Regulators
AI	Administrative Instruction
BRK	Budget of the Republic of Kosovo
DH	District Heating
EBRD	European Bank for Reconstruction and Development
EC	European Commisison
ECS	Energy Community Secretariat
EE	Energy Efficiency
EIA	Environmental Impact Assessment
EnCS	Energy Community Secretariat
ENTSO-E	European Network of Transmission System Operators for Electricity
ERO	Energy Regulatory Office
ESCO	Energy service companies
ESIP	Energy Strategy Implementation Program
EU	European Union
EUOK	European Union Office in Kosovo
FECE	Faculty of Electrical and Computer Engineering
FME	Faculty of Mechanical Engineering
GIZ	German Corporation for International Cooperation
GoK	Government of Kosovo
HPP	Hydro Power Plants
IDA	International Development Association
IFC	International Finance Corporation
IPA	Instrument for Pre-Accession Assistance
IPPC	Integrated Pollution Prevention and Control
KEDS	Kosovo Electricity Distribution Company
KEEA	Kosovo Energy Efficiency Agency
KEEAP	Kosovo Energy Efficiency Action Plan
KEK	Kosovo Energy Corporation
KESCO	Kosovo Electricity Supply Company
KfW	Kreditanstalt für Wiederaufbau (Development Bank)
KOSTT	Kosovo Transmission System and Market Operator
kV	Kilovolt
MAFRD	Ministry of Agriculture, Forestry and Rural Development
MAP	Ministry of Public Administration
MCC	Millennium Challenge Corporation
MED	Ministry of Economic Development
MEI	Ministry of European Integration
MESP	Ministry of Environment and Spatial Planning
MLSW	Ministry of Labour and Social Welfare
MO	Market Operator
MOF	Ministry of Finance
MOJ	Ministry of Justice

MSO	Market System Operator
MTI	Ministry of Trade and Industry
MV/LV	Medium Voltage / Low Voltage
MW	Megawatt
NO _x	Nitrogen Oxides
OPM	Office of the Prime Minister
OSS	One Stop Shop
PIU	Project Implementation Unit
PIPC	Prevention and Integrated Pollution Control
PSC	Project Steering Committee
RES	Renewable Energy Sources
SCKRPR	Sub-Committee for Kosova e Re Power Plant
SME	Small and Medium Enterprise
SNS/FDIL	Social Assistance Scheme/ Families of Martyrs and War Invalids
SO	System Operator
SHPP	Small hydropower plants
TIKA	Turkish Agency for Cooperation and Coordination
TOR	Terms of Reference
TPP	Thermal Power Plant
TSO	Transmission System Operator
UP	University of Prishtina
USAID	United States Agency for International Development
USEA	United States Energy Association
WB	World Bank

I. Executive Summary

The Energy Strategy Implementation Program 2018-2020 is a document presenting the detailed activities for the implementation of measures provided for in the Energy Strategy of the Republic of Kosovo 2017-2026

The Energy Strategy Implementation Program 2018-2020 includes a list of 27 specific objectives and 97 activities envisaged to be undertaken for the development of the energy sector by 2020.

Key projects envisaged to be developed during this period are: start of construction of the new Power Plant Kosova e Re; start of rehabilitation of TPP Kosova B; creation of a common market with the Republic of Albania as a step towards integration into the SEE market; expansion of the district heating of Prishtina as well as Gjakova; undertaking of measures to reduce losses in the distribution network as well as a range of projects in the field energy efficiency, renewable energy sources as well as environmental protection.

II. Introduction

The Energy Strategy of the Republic of Kosovo 2018-2020 (hereinafter the “ESIP 2018-2020”) is a three-year basic document for the development of the energy sector.

The role, importance, content and procedures of developing this document are based on the Law on Energy No. 05/L-081 and the Administrative Instruction No. 07/2018 on Planning and drafting strategic documents and action plans ESIP 2018-2020 is based on the policies defined in the Energy Strategy of the Republic of Kosovo 2017-2026 adopted by the Assembly of the Republic of Kosovo on 26 January 2018.

The Government’s high priority is to ensure sustainable energy supply for all consumers of the country, that is high quality, cost-effective and affordable, taking into account the environmental and health protection of citizens as well as the efficient use of energy and use of renewable energy. The energy strategy has detailed policies for achieving the defined targets. In addition to this priority, the Government puts high importance on the implementation of obligations of the Stabilization and Association Agreement as set out in its Article 114.

IEPS 2018-2020 takes into account the poor state of the energy sector that is characterized by:

- Delays in constructing new electricity generation capacities based on lignite and rehabilitation of existing ones
- Insufficiency of generation capacities to cover winter peaks;
- lack of secondary and tertiary power reserves in the system, due to the lack of flexible generators, as 97% of domestic generation is based on lignite;
- limited capacities of thermal energy systems;
- Lack of natural gas infrastructure;
- Considerable technical and commercial losses of electricity in the distribution network;
- failure to manage crossboundary flows by the Transmission System Operator due to obstacles from the Transmission System Operator of Serbia;
- inadequate use of energy saving potential;
- inadequate use of energy renewable potential;
- lack of an effective competitive market in electricity sector.

As a result, in accordance with the measures set out in the Strategy, a series of projects have been set out for each measure addressing the above-mentioned problems, which are considered achievable over the three-year period 2018-2020.

Funding sources for the activities specified in this Program are different, including the Kosovo Budget, own-source investments of energy enterprises, donations and loans.

Some of the activities determined in the measures for achieving the objectives of the Strategy are projects initiated in 2017 or earlier, but which are ongoing.

Upon approval by the Government of the ESIP 2018-2020, its implementation shall be initiated by all responsible actors, as defined in the Program Matrix. The Ministry of Economic Development shall oversee the implementation and preparation of annual monitoring reports.

III. Methodology of preparation

The Secretary General of the Ministry of Economic Development took a decision to establish the Working Group to draft the ESIP 2018-2020 pursuant to the Decision No. 109 dated 29.1.2018. Structuring of the document and its drafting was done in line with the requirements of the Administrative Instruction No. 07/2018 approved by the Government.

The team includes experts representing government institutions and other stakeholders related to the energy sector as follows:

- Ministry of Economic Development (MED);
- Office of the Prime Minister (OPM);
- Ministry of Finance (MoF);
- Ministry of Trade and Industry (MTI);
- Ministry of Environment and Spatial Planning (MESP);
- Ministry of Agriculture, Forestry and Rural Development (MAFRD);
- Ministry of European Integration (MEI)
- Kosovo Energy Efficiency Agency;
- Energy Regulatory Office (ERO);
- Kosovo System, Transmission and Market Operator (KOSTT);
- Independent Commission for Mines and Minerals (ICMM);
- Kosovo Energy Corporation (KEK);
- Distribution System Operator (KEDS);
- Electricity Supply Company (KESCO);
- District Heating Termokos and Gjakova
- Faculty of Electrical and Mechanical Engineering;

The drafting of the document is done in team work.

After the approval of the Matrix with the required data according to the Administrative Instruction No. 07/2018 approved by the Government, amended with additional indicators as per the guidelines of the OPM, the process of identifying projects started, to implement each specific objective. Group and individual work meetings have taken place throughout the process, up to the completion of the Matrix. Working Group members are involved in coordinating activities

within their entities to identify activities within their scope. This process developed into an active daily engagement under the coordination of the team leader, MED's representative.

In addition to the drafting of the Matrix with all identified activities and projects, including the implementation stakeholders, deadlines, implementation percentage measure, etc, work was done in drafting other chapters of the Program as required by the relevant Instruction. After approval of the draft by the Working Group, the document was sent for review and approval to the Cabinet of the Ministry.

After approval by the Minister's Cabinet, the document was sent to public discussion in three versions (Albanian, English and Serbian). Along with the publication, a letter was sent to Kosovo institutions, donors and civil society.

After handling and addressing the comments, the document is finalized and sent for opinion to MoF and MEI and then for review and approval in the Government of the Republic of Kosovo.

IV. Mission, Vision and Objectives

ESIP 2018-2020 is prepared based on the Law on Energy. The scope of the law on energy includes electricity, natural gas and thermal energy. This law defines the duties and responsibilities in determining policies and measures for renewable sources and energy efficiency which are outlined in national action plans as mandatory documents approved by the Ministry responsible for energy, and based on the strategic objectives of the Energy Strategy.

ESIP 2018-2020 is guided by the Vision, Mission and objectives of the energy strategy set out in the 10-year Strategy:

- a. **Vision:** *The Energy Strategy aims to create a developed energy sector, which is friendly to the environment and health, supporting economic development and social wellbeing in Kosovo, under a free and competitive market.*
- b. **Mission:** *The Energy Strategy mission is to create conditions for reliable and secure energy supply, in line with the increasing demand for energy, developing generation, transmission and distribution capacities, and taking into account diversification of resources, efficient energy, maximum use of renewable energy sources, as well as environmental protection in all sector activities.*
- c. **Objectives:**
 1. *Security of sustainable and quality supply of electricity with the necessary capacities for a stable electricity system;*
 2. *Integration in the Regional Energy Market;*
 3. *Enhancing existing capacities of thermal systems and building new capacities;*
 4. *Development of natural gas infrastructure;*
 5. *Fulfillment of objectives and obligations in the field of energy efficiency, renewable energy sources and environmental protection.*

V. Measures and activities of ESIP

ESIP includes 27 measures, respectively specific objectives, foreseen for the period 2018-2020. These objectives include activities for the realization of specific objectives planned to start during this period, the completion of which is expected to go beyond 2020. Also, activities for the implementation of specific objectives include activities started earlier but still ongoing.

For the implementation of the First Objective: *Security of sustainable and quality supply of electricity with the necessary capacities for a stable electricity system, 8 measures/specific objectives and 33 activities are planned.*

For the implementation of the second Objective: Integration in the Regional Energy Market, 2 measures/specific objectives and 15 activities are planned.

For the implementation of objective 3. Increasing the existing capacities of thermal systems and building new capacities, 3 measures/specific objectives and 5 activities are planned.

For the implementation of objective 4. Development of natural gas infrastructure, 1 measures/specific objectives and 3 activities are planned.

For the implementation of objective 5. The fulfillment of targets and obligations on energy efficiency, renewable energy sources and environmental protection, 13 measures/specific measures and 41 activities are planned.

Thus, a total 97 activities/projects are planned. Activities are of various categories including legislative measures, construction, studies, promotions, etc.

VI. Estimated cost for the implementation of ESIP 2018-2020

Estimated costs for the implementation of the strategic objectives for the period 2018-2020 is shown in the table below and includes all institutions which, through financial investment, will participate in the implementation of the strategic objectives envisaged in ESIP 2018-2020. These include own source investments of energy enterprises, BRK funds, private investments, loans and donations from Governments and various international financial institutions.

The values shown are in million €. In this list are presented: (i) projects started before the 2018-2020 period which are foreseen to be completed in this period; (ii) projects that begin in the period 2018-2020 and ending in this period and (iii) projects that begin in the 2018-2020 period and end after this period.

Strategic Objectives	Specific objectives	BRK	GIZ	KfW	USAID	EC	WB	KEK	KEDS	KOSTT	Private investment	UP	Other donors	Termoskos	Municipality of Prishtina	American Government	German Government/Luxembourg	WBIF/EBRD	IDA	SIDA	
Objective 1	Specific objective 1	5.78																			
	Specific objective 2	38				38		42													
	Specific objective 3	150						1.6													
	Specific objective 4								108.1												
	Specific objective 5										0.4	1									
	Specific objective 6	13.5																			
	Specific objective 7							0.1													
	Specific objective 8					1.5															
	Subtotal		207.28				39.5		43.7	108.1			0.4	1							
Objective 2	Specific objective 1									2.005											
	Specific objective 2									2.425											
	Subtotal									4.43											4.43
Objective 3	Specific objective 1					8.3								0.25	0.25	9	10				
	Specific objective 2					12							2.5								
	Specific objective 3																	2			
	Subtotal					20.3							2.5	0.25	0.25	9	10	2			44.3
Objective 4	Specific objective 1																			3.8	
	Subtotal																			3.8	3.8
Objective 5	Specific objective 1	0.75																			
	Specific objective 2	2.5				10	6														
	Specific objective 3		GIZ																		
	Specific objective 4					EC															
	Specific objective 5																	EBRD/WBIF			
	Specific objective 6																				
	Specific objective 7			7.5																11	
	Specific objective 8					0.35												EBRD			
	Specific objective 9										359.7										
	Specific objective 10	BRK																			
	Specific objective 11	BRK																			
	Specific objective 12	MESP																			SIDA
	Specific objective 13					1.5															
	Subtotal		3.25	7.5		11.85	6				359.7									11	
																				Total	851.73

VII. Matrix of ESIP

An overview of all the details of the measures for the implementation of the strategic objectives for the medium term 2018-2020 is presented in the PES 2018-2020

Strategic Objective #1: SECURITY OF A SUSTAINABLE, HIGH-QUALITY, SAFE, AND RELIABLE ELECTRICITY SUPPLY WITH ADEQUATE CAPACITIES FOR STABLE POWER SYSTEM OPERATION						
Specific objective 1.1.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2023
TPP Kosova e Re	Start of construction			0%	10%	100%
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
1. Achieve commercial close with Countur Global 2. Achieve financial close with Countur Global	Q4 2017 Q1 2019	0.7 mil. €	BRK	NTCKR/ME D	The Government of Kosovo IFC BB, USAID	Financial completion of the project achieved
3. Relevant studies for ECP (Engineering, Projection, Construction) (Obligation GOK) Financing through donations: a. Meteorology Study b. Flood Risk Assessment c. Modification of the existing Draft ESIA (2 x 300 MW) for the new configuration 1x450 MW net. Financing required:	Q2 2017 Q2 2018 For: d - j To be	 Donation	 USAID	 USAID/ NTCKR/Q K	 USAID	Studies on: Completed: a and b Ongoing: c

d. Seismic Study e. Study of explosive ordnances f. Topography Study h. Study of Geology, Geotechnics and Contamination i. Study of underground barriers j. Unprocessed water study	determined					
4. Drafting of TOR, bidding and contracting of independent Engineers	Q1 2018 Q4 2019	4 mil. €	BRK	PMC/PIU	PMC/PIU	Government of Kosovo
5. Completion with relevant staff of the Project Implementation Unit as per the PSC decision	Q1 2018 Q4 2019	1.05 mil. €	BRK	KDP/NJIP	PMC/PIU	Government of Kosovo
6. Participation / implementation of informative conferences on the possibility of SME involvement in energy development projects: a) Participation of MED in the "Small Business Days" information conference organized by MTI for the SME sector - Topic by MED: "Informing SMEs on the possibilities of their involvement during the process of building TPP Kosova e Re" b) Implementation of the conference on "Strategic investments in the energy sector"- Opportunities for SME involvement and active participation in these projects	a) Q3 2018 b) Q2 2019	c) 0 d) 0.03 mil. €	MED MTI	MED MTI	MED	Information of SMEs about the possibilities of their involvement during the project of TPP Kosova e Re
Specific objective 1.2.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2021
Realization of overhauls in TPP Kosova A, TPP Kosova B and installation of electrostatic filters in TPP Kosova B	1. Overhaul of Unit A3 of TPP Kosova A, realized; 2. Overhaul of Unit B2 of TPP Kosova B, realized; 3. Overhaul of Unit B1 of TPP Kosova B, realized;			1. 100 % 2. 100% 3. 0 %	3. 100 % 4. 20 % 5. 20 %	

	4. Electrofilters of TPP Kosova B, installed 5. Reduction of NOx in TPP Kosovo B			4. 0 % 5. 0 %		4. 100 % 5. 100 %
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
1. Overhaul of Unit A3 in TPP Kosova A	Q2 - Q3 2018	12 mil. €	KEK	KEK	KEK	Overhaul of Unit A3 in TPP Kosova A completed
2. Overhaul of Unit B2 in TPP Kosova B	Q2 – Q3 2018	15 mil. €	KEK	KEK	KEK	Overhaul of Unit B2 in TPP Kosova B completed
3. Overhaul of Unit B1 in TPP Kosova B	Q2 – Q3 2019	15 mil. €	KEK	KEK	KEK	Overhaul of Unit B1 in TPP Kosova B completed
4. Installation of Electrofilters in TPP Kosova B	Q3 2020 Q3 2021	42 mil. €	50 % European Commission, 50 % Government of Kosovo	KEK	MED	Installation of Electrofilters completed
5. Investments in reducing NOx in TPP Kosova B	Q3 2020 Q3 2021	34 mil. €	50 % European Commission, 50 % Government of Kosovo	KEK	MED	Reduction of NOx completed
Specific objective 1.3.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2023
New Mine “South Sibovc”	1. Detailed plan for opening new mining, prepared; 2. The new mine lignite ready for exploitation			20% 0%	100% 10%	100% 100%
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product

1. Preparation of a detailed plan for opening a new mining	Q3 2017 Q2 2018	1.6 mil. €	KEK	KEK	MED	Final document of the detailed plan
2. Opening of the new mine	Q2 2019 Q1 2023	285 mil. €	Government of Kosovo ¹	MED	KEK	New mine ready for exploitation
Specific objective 1.4.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026
Reduction of technical and commercial losses in the distribution network Reduction of technical losses up to 9.5% by 2026 in the distribution network ²³	Commercial losses and Technical losses			16.9 %	16.9 %	12 % ⁴
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
1. Replacement of mechanical meters with digital meters 2. Displacement of meters (MMO) 3. Implementation of smart automatic meters For years 2018 - 2020 the expected number for the replacement of meters reaches 161 247** thousand meters	Q1 2018 Q4 2025 (Included only years 2018-2020)	19.2 mil. €	KEDS	KEDS	ERO Municipalities MESP, MTI KESCO	Reduction and prevention of commercial losses; Elimination of possible reading errors; Reducing the possibility of abuses with the meters
4. Rehabilitation of the distribution network with a focus on the transition to the 20 kV	Q1 2018 Q4 2025	23.6 mil. €	KEDS	KEDS	ERO, MESP, Municipalities,	Reduction of technical losses and

¹ The cost for opening the new coal mine is not secured

² Note: The cost of the projects is according to the KEDS planning submitted for approval to ERO and which may vary depending on the ERO's assessment / approval.

³ Note: The number of meters planned to be replaced is according to the KEDS planning submitted for approval to ERO and which may vary from 30 to 50% depending on ERO's assessment / approval..

⁴ Note: The Target for reduction of losses in the Distribution System Operator will be considered final when it is approved by ERO as an autonomous authority and should be in accordance with the Energy Strategy of the Republic of Kosovo 2017-2026.

<p>voltage level, respectively the gradual elimination of 35 kV and 10 kV voltage, in accordance with ERO rules and international standards.</p> <p>5. Reduction of long radial lines by setting distribution stabilizers on 10kV output ramps</p>	(Included only years 2018-2020)				MED, KOSTT,	<p>voltage drop; Uninterrupted supply of electricity and increased supply quality; Localization of breakdowns</p>
<p>6. Construction of new substations of TM / TU network</p> <p>7. Construction of a new low voltage grid</p> <p>8. Rehabilitation of the existing network</p> <p>9. Alternative supply of 10kV outlets, ie existing secondary substations</p> <p>Within this activity, during 2017-2019, about 200 transformers per year are expected to be replaced and / or replaced</p>	<p>Q1 2018 Q4 2025 (Included only years 2018-2020)</p>	40.1 mil. €	KEDS	KEDS	ZRRE, MESP, Municipalities, MED, KOSTT	<p>Reduction of technical and commercial losses; Reduction of voltage drops; Uninterrupted supply of electricity and increased supply quality; Reduction of overloads; Rehabilitation and modernization of distribution network</p>
<p>10. Implementation of the SCADA system for data control, communication and surveillance</p> <p>11. Implementing software for switching from the old network to the wise network</p> <p>12. Implementation of new requirements with the opening of the competitive market</p> <p>Meeting the needs of machinery and work tools, in order to facilitate the operation and shorten the response time to the breakdown</p>	<p>Q 2018 Q4 2025 (Included only years 2018-2020)</p>	25.2 mil. €	KEDS	KEDS	ERO KOSTT KESC MED MTI	<p>Reduction of unplanned interrupted hours and isolation of interruptions; Modernization of the network; Easy access to energy distribution system data; Increased operational quality</p>

Specific objective 1.5.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2023
University Program Reform in Technical Sciences of the Energy Field	1. New programs for studies in FECE and FME, compiled; 2. Financial support of students with scholarships, realized; 3. Contraction of credible international lecturers, realized; 4. Completion of laboratories of FME and FECE, realized.			10%	50%	100%
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
1. Development of new curricula/programs and new teaching practices, in line with new labor market requirements for young engineers, based on the finest models in EU countries	Q3-2018 Q4-2020	0.2 mil. €	Donors	UP FECE FME	Ministry of Education MED	The new program in accordance with the new requirements of energy market
2. Supporting with scholarships for outstanding students attending studies in those programs at the Faculty of Electrical and Computer Engineering - Direction of Electronurgics: Bachelor, Master and Doctorate level	Q3-2018 Q4-2021	0.36 mil. €	Donors BRK	UP FECE	UP Ministry of Education MED	Financial support for 20 Bachelor students, 20 master students and 10 in doctoral studies in electroenergetics direction
3. Supporting the contracting of internationally credible lecturers for the subjects set out in those programs	Q3-2020 Q4-2025	0.75 mil. €	Donors UP	UP FECE	UP Ministry of Education MED	Establishment and five year development of new cadres of electroenergetics direction
4. Support of the University of Prishtina "HASAN PRISHTINA", Faculty of Mechanical Engineering and Electrical Engineering and Computer Engineering:	Q3 2018 Q4-2019	a). 1 mil. €	Donors (TIKA, GIZ, EU Office, USAID-i –	FIM /FME E FECE/FM E	UP, MED, MF, Ministry of Education	Complete laboratories with the necessary equipment for

a) Support to the completion of the laboratory in the field of thermal energy and renewable energy; Implementation of pilot projects in the field of RES (PV installation, green park building, promotion of a model facility with low energy consumption) b) Support in the completion of laboratories in the direction of electroenergetics		b). 1.5 mil. €	EMPOWER, MCC, BRK, etj.)	g		FIM and FIEK
Specific objective 1.6	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026
Protection Program for vulnerable consumers	Subsidizing electricity for households in Social Assistance (22,700) and some war-related families (11,100)			100%	100%	
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
Drafting and preparing a Memorandum of Understanding between MLSW and KEDS-KESCO	Q1 2018 Q4 2020	13.5 mil. €	(Kosovo budget MF-MLSW)	MLSW	MED,MF,KE DS-KESCO	Subsidizing electricity for all households in SNS and FDIL
Specific objective 1.7	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026
Treatment of communities affected by energy activities (TPPs, heaters, etc.)	Community investments by KEK			100 %		
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
1. Direct projects for the community, approved by the Municipality of Obiliq	Q2 2018 Q4 2018	0.1 mil. €	KEK	KEK	Municipality of Obiliq	Increasing the quality of public services

2. Realization of community development projects from the Community Development Fund by investor TPP Kosova e Re (Investments for the community for the years 2019-2020, € 2 million)	Q1 2019 Q4 2020	Q1 2019 Q4 2024 10 mil. €	Private investor TPP Kosova e Re	Private investor TPP Kosova e Re	Municipality of Obiliq MESP	Improvement of the living conditions of the community affected by energy developments
Specific objective 1.8	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026
Comprehensive study for a period up to 2050 on the energy sector	Studies conducted			0 %	100 %	
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
Conduct comprehensive energy sector studies for the period up to 2050	Q1 2019 Q4 2020	1.5 mil. €	MED Donors (EC)	MED	MF, MESP, MTI, MLSW, MAFRD, KEK, KOSTT, KESKO, Heating Companies	Completed studies that will include 10 components in accordance with ToR
Strategic Objective #2: INTEGRATION IN THE REGIONAL ENERGY MARKET						
Specific objective 2.1.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026
Implementation of 'soft measures' as per the ECT guidelines	<ul style="list-style-type: none"> • Membership of ERO in ACER with observer status; • Assigning and licensing suppliers of last resort;; • Eliminate the price adjustment of production • Implementing Trans European Network Regulations • Regional Allocation of Interconnection Capacity; • Coordinated calculation of interconnection 			<ul style="list-style-type: none"> • 100 % • 100 % • 10 % • 100 % • 100 % 	<ul style="list-style-type: none"> • 100 % 	

	capacities; • KOSTT's ownership unbundling; • Legal and Functional unbundling of DSO • Independence of the Energy Regulatory Office; • Increasing the effectiveness of administrative authorities - competition and state aid;			• 100 % • 100% • 100% • 100 %		
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
1. Application for accession - Membership of ERO to ACER	Q3 2018	5000 €	ERO	ERO	ERO	Membership of ERO in ACER;
2. Assigning and licensing suppliers of last resort.	Q4 2018	0	/	ERO	USAID-Repower	Assigning the supplier of last resort with a special act by ERO
3. Ensuring liquidity of the internal electricity market with appropriate regulatory measures such as contract reviews, capacity discharges, virtual power plants, etc.	Q2 2018 Q4 2019	0	xxx	ERO	KOSTT	Achievement of the applicability of competition
4. The legal possibility for transmission system operators to obtain balancing services from all national operators and in the prospect of a regional market under competitive conditions	Q4 2021	2 mil. €	Revenues regulated by ERO	KOSTT	ERO	Fulfillment of national reserve shortages to balance the system
5. Adoption of a market-based balancing model allowing non-discriminatory cross-border exchanges of Kosovo of balancing services - Establishment of a functioning national balancing market	Q1 2020 Q4 2020	0	KOSTT	KOSTT	ERO	Balancing model, approved

6. Presentation of a coordinated process of calculating of day-ahead capacity allocation based on a coordinated congestion forecast	Q1 2018 Q4 2018	Financed by EnCS	/	KOSTT	ERO	
7. Certification of the transmission system operator in line with the Third Energy Package	Q12018 Q4 2018	0	/	KOSTT	ERO EnCS	Transmission System Operator, certified
8. Increase the effectiveness of administrative authorities - competition and state aid; a) Recruiting five officials within the State Aid Department / MoF; b) Drafting the Regulation on Notification Procedures in accordance with the Law on State Aid; Review of Regulation No.1 / 2013 on the Organization and Functioning of the State Aid Commission; c) Appointment of the State Aid Commission (SAC) by the Assembly of the Republic of Kosovo; d) Creation of inventory of state aid, including notification to ERO and MED;	Q1 2018 Q4 2020	/	MF/Donors	MF	MF EC	Recruiting five officers within the DNS; Adoption of secondary legislature; SAC, functional; Inventory for State Aid Created
9. Preparation of a manual of procedures for issuing permits for projects of interest to the Energy Community	Q2 2018 Q4 2018	0	/	MED	ERO KOSTT	Manual on procedures for issuing permits for projects of interest to the Energy Community
Specific objective 2.2.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026

The establishment of a common market with Albania as a joint electricity trading zone Kosovo-Albania as a first step towards integration of the common energy community market.	Common Market Kosovo - Albania			0 %	100 %	
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
1. Unblocking the KOSTT Connection Agreement with ENTSO-E and KOSTT operation as a Regulatory Area within ENTSO-E	Q1 2019	0	KOSTT	KOSTT/ ENTSO-E	ENTSO-E EU dhe EC	Security of supply
2. Connection of 400 kV line Kosovo - Albania and activation of contract for LFC (secondary regulation with Albania)	Q1 2019	0	KOSTT (grant / loan from KFW)	KOSTT/ TSO	Albanian TSO	Security of supply and fulfillment of the ENTSO-E criteria
3. Adhering to the energy stock-exchange that is under construction in Albania	Q4 2019	0.325 mil. €	KOSTT	KOSTT-TSO	Government of Albania and Kosovo	Market opening, increased competition, security of supply
4. Creation of a common area of Kosovo-Albania (binding zone) where the current interconnection lines will be considered as internal lines and no capacities will be allocated	Q4 2019	0.1 mil. €	KOSTT-TSO	KOSTT-TSO	Government of Albania and Kosovo	Optimization of the work of both systems, security of supply, support for the integration of RES
5. Connection with the day-ahead market and the intra-day market	Q4 2019	0	KOSTT-TSO	KOSTT-TSO		Optimizing the work of the two systems, security of supply, support for the integration of RES
6. For the operationalization of the common market Kosovo - Albania, 4 pillars should be	Q1-2018 Q2 2019	I. Operating costs	KOSTT-TSO	KOSTT-TSO	Government of Albania and	Creation of the legal framework

<p>developed with the following activities:</p> <p>I. Legal Framework</p> <p>a) Amendments to national laws of both countries covering the establishment of the Regulatory Committee and recognition of licenses issued by ERO and ERE</p> <p>b) Implementing changes to the law</p> <p>II. Regulators and licensing</p> <p>c) Establishment of the Joint Regulatory Committee</p> <p>d) Development of System and Market Operator Licenses (OS and MO)</p> <p>e) Development of the Regulatory Framework of Price Controllers for OS and MO</p> <p>f) Creation of a joint committee on modification of market rules</p> <p>g) Establishment of procedures for allocation of congestion costs</p> <p>III. Market model</p> <p>h) Development of the high-level market design for the Common Market</p> <p>i) Development of market rules for the common market</p> <p>j) Establishment of communication and payment procedures between OS and MO for the operation the balancing mechanism and for payments/charges for ancillary services and other commercial payments</p> <p>k) Creation of procedures for registration of</p>		<p>II dhe III. 0.5 mil. € consultancy</p> <p>IV. The OST facility is used, while KOSTT for the implementation of the hardware, software and telecommunication equipment and other costs is estimated at 1.5 mil. €</p>		ERE -ERO	Kosovo	and organizational structure and technical conditions necessary for the functioning of the common market
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<p>market participants (traders) and registration of service providers such as: distribution operator.</p> <p>l) Creation of Agents for measurement administration in Kosovo and Albania</p> <p>m) Establishment of a procedure for the registration of customer transfer from a licensed supplier to another licensed supplier.</p> <p>IV. System operation</p> <p>n) Communication via fiber optic telecommunication connection and data exchange protocol between two operators</p> <p>o) Creation of a Joint Dispatch Center for both systems and eventually of a regional center.</p> <p>p) Establishment of the Joint Operational Block between two Regulatory Areas KOSTT OST</p>						
Strategic Objective #3 ENHANCEMENT OF EXISTING THERMAL SYSTEM CAPACITIES AND CONSTRUCTION OF NEW CAPACITIES						
Specific objective 3.1	Indicator (s) for measuring the achievement of the target			Base2018	Target 2020	Target 2026
Expansion of the District Heating network "TERMOKOS", as per the Expansion Master Plan	Increase of the use of installed thermal power plants (Cogeneration Project) from 90 MW to 140 MW			20%	50%	100%
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
1. Expansion and rehabilitation of the network with IPA 2015	Q2 2018 Q4 2019	8.8 mil. €	EC 8.3 mil. € Municipality of Prishtina 0.25 mil. €	European Commission Termokos	EC	Increased efficiency and higher number of customers

			Termokos 0.25 mil. €	MED		
2. Expansion and rehabilitation of the network with KfW funds 2015	Q2 2018 Q4 2020	13.8 mil. €	KfW 10 mil. € The Government of Luxembourg 2.3 mil. € Municipality of Prishtina 1.5 mil. €	KfW, Termokos Municipality of Prishtina	KfW	Increased efficiency and higher number of customers
3. Placement of individual heating meters in each apartment (heating body)	Q4 2018 Q4 2020	9 mil. €	The American Government – MCC	The t Kosovo Government	MCC	Increased efficiency in Billing customers based on the energy consumed
Specific objective 3.2	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2021
Construction of thermal energy generation plant in the City's DH in Gjakova and improvement of the existing network for maximal use of new planned capacity of thermal energy.	<ul style="list-style-type: none"> • Increasing efficiency • Operate without financial loss • Quality thermal energy • Generation of electricity 			<ul style="list-style-type: none"> • 70% • -50% • 12h/90 days • 0 MW 	<ul style="list-style-type: none"> • 80% • +50% • 24h/180 dite • 6,500MW 	<ul style="list-style-type: none"> • 90% • +100% • 13,000MW
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
Construction of new co-generation plant based on biomass (16.5 MWt/1,5MWe)	Q1 2018 Q1 2019	12 mil. € & 2.5 mil. € investments in the primary thermophilic	EC – IPA 2015 Municipality of Gjakova Government Financial institutions	EUO MH	MED MA Gjakovë	New Cogeneration Plant & Rehabilitated network with substations and

		network				thermal meters
Specific objective 3.3.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2022
Preparation of conditions for the start of construction of thermal energy systems in Peja, Prizren, Gjilan, Ferizaj, Drenas, Obiliq, Mitrovica and Zvecan	Study on the assessment of possibilities for constructing thermal energy production capacities, realized				100%	
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
Realization of the study for the assessment of possibilities for building thermal power generation or co-generation capacities as well as increasing production capacity and expanding distribution network	Q1 2019 Q4 2020	2 mil. €	Grant in the form of Technical Assistance within the platform WBIF/ BRK	MED	OPM Relevant Ministries ERO Energy Operators	Feasibility study, completed
Strategic Objective #4 DEVELOPMENT OF NATURAL GAS INFRASTRUCTURE						
Specific objective 4.1	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026
Development of institutional and planning capacities for the management of activities for the process of developing natural gas infrastructure	1. Agreement on the Partnership for Modeling of Natural Gas Pipelines, implemented; 2. Pre-feasibility study for Albania-Kosovo gas pipeline; 3. Feasibility study for the natural gas pipeline Albania-Kosovo			1. 100 % 2. 100% 3. 0 %	3. 100 %	100 %
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product

1. Implementation of the Memorandum of Understanding on the Model Partnership for Natural Gas Pipelines	Q3 2017 Q3 2020	0	USAID/USEA	The United States Energy Association (USEA) in cooperation with the United States Agency for International Development (USAID)	Contracting Parties of the Energy Community	Institutional capacities created and developed Ownership of the license for the use of SIMONE software for the simulation and optimization of transmission and distribution of natural gas; Preparation/development of the transmission and distribution system model for natural gas for Kosovo and realisation study with the 2040 Max Regional Model.
2. Pre-feasibility study for Albania-Kosovo gas pipeline	Q1 2017 Q4 2018	0.3 mil. €	WBIF/EBRD platform	MED	OPM Relevant Ministries ERO Energy Operators	Pre-feasibility study, completed
3. Feasibility study for the natural gas pipeline Albania-Kosovo;	Q1 2019 Q4 2020	3.5 mil.€	WBIF/EBRD	MED	OPM Relevant	Feasibility study, completed

			platform		Ministries ERO Energy Operators	
Strategic Objective #5 FULFILLMENT OF TARGETS AND OBLIGATIONS IN ENERGY EFFICIENCY, RENEWABLE ENERGY SOURCES, AND ENVIRONMENTAL PROTECTION						
Specific objective 5.1.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026
Implementation of the third intermediate plan 2016-2018;	Target envisaged with NEEAP 2016-2018, achieved			66%	100%	
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
1. Program for the implementation of energy efficiency measures in public facilities at the local level, for education and health - First phase	Q1 2018 Q4 2018	0.346 mil. €	BRK	KEEA	Education and health sector	Implementation of EE measures in four facilities
2. Program for the implementation of energy efficiency measures in public facilities at the local level, for education and health - Second phase	Q2 2018 Q4 2018	0.404 mil. €	BRK	KEEA	Education and health sector	Implementation of EE measures in three facilities
3. Program for the implementation of energy efficiency measures in public facilities at local level for education and health - Third phase	Q1 2019 Q4 2020	2 mil. €	BRK	KEEA	Education and health sector	Implementation of EE measures
4. Energy Auditing of Public Buildings and Other mandatory enterprises - Support Program - Implementation of Energy Efficiency Measures in Public Service Buildings (I)	Q1 2018 Q4 2018	0.269 mil. €	BRK	MED	Education and health sector	Implementation of EE measures in five facilities
5. Energy Auditing of Public Buildings and Other mandatory enterprises - Support Program - Implementation of Energy Efficiency Measures in Public Service	Q2 2018 Q4 2020	3.396 mil. €	BRK	MED	Education and health sector	Implementation of EE measures

Buildings (I)						
6. Promotional Campaign for Energy Efficiency and Renewable Energy Sources	Q1 2018 Q4 2020	0.150 mil. €	BRK	MED		Increasing awareness of the importance of usage of EE and RES measures in the transport sector
7. Drafting the design of public school buildings according to the attached list, where will be implemented the Energy Efficiency Measures in the year 2018	Q1 2018 Q3 2018	0.1 mil. €	BRK	MED	Education sector	Finalization of the 113 school buildings design, where energy efficiency measures will be implemented
Specific objective 5.2.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026
Transposition of the European Directive on Energy Efficiency 2012/27/EC through the review of the current Law on Energy Efficiency, as well as the drafting and adopting of sub-legal acts of the new Law on Energy Efficiency	1. Law on EE, adopted; 2. Energy Efficiency Fund, established 2. Regulation on the Establishment of ESCO 3. UA Approval for Energy Auditing, approved 4. AI for Labeling Electrical Appliances, approved			1. 100% 2. 100 % 3. 70 % 4. 0 % 5. 0%	3. 100 % 4. 100% 5. 100 %	
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
1. Drafting of the Law on Energy Efficiency	Q3 2017 Q3 2018	0	/	KEEA	Relevant Ministries	Implementation of the Directive 2012/27/EU
2. Establishment of the Energy Efficiency Fund;	Q4 2018	18.5 mil. €	10 mil. € EU Donation, 6 mil. € WB credit line dhe 2.5 mil. € BRK	KEEA/MED	MESP MF Municipalities etc.	Implementation of the EE measures

3. Regulation on the establishment of ESCO	Q3 2018 Q1 2019	0	BRK	MED	MESP	Regulation adopted
4. Drafting of the Law on Energy Audit	Q1 2019 Q3 2019	0	/	MED	Relevant Ministries Energy Operators	AI on Energy Audit, adopted
5. Drafting of AI on Labeling Electrical Appliances	Q1 2019 Q3 2019	0	/	MED	Relevant Ministries ERO Energy Operators	AI on labeling home appliances adopted
Specific objective 5.3.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026
Completing KEEA with the necessary staff and capacity development at the central and local level for the implementation of Energy Efficiency Policies	1. AEEA, reorganized; 2. Scheme for establishing a sustainable system for training and certification of energy auditors, drafted; 3. Training of trainers for energy auditor realized.			1. 100 % 2. 100 % 3. 0%	2. 100 %	100 %
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
1. Reorganization of KEEA - under development with GIZ	Q1 2018 Q1 2019	No cost to BRK	GIZ	KEEA	GIZ	KEEA reorganized and completed with professional staff
2. Scheme for the establishment of a sustainable system for training and certification of energy auditors	Q2 2018 Q4 2018	No cost to BRK	GIZ	MED	GIZ	Scheme established and approved
3. Train the trainers program for energy auditors by an internationally licensed company	Q1 2019 Q2 2019	No cost to BRK	GIZ	MED	GIZ	Trainers trained
Specific objective 5.4.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2020
Development of the Energy Efficiency Action Plan for the period 2019 and beyond according to the requirements of Directive 2012/27/EC and a preliminary study	1. Action Plan for Energy Efficiency for the period 2019-2027, adopted; 2. Energy Efficiency Action Plan for the period 2019-2021, adopted			50 %	100 %	
Activity	Implementation	Total cost	Source of	Leader.	Supporting.	Product

	ion deadline		funding	Inst.	Inst.	
1. Drafting of the Energy Efficiency Action Plan for the period 2019-2027	Q4 2018 Q2 2019	No cost to BRK	European Commission	KEEA	Relevant Ministries and the Energy Sector	EEAP 2019-2017, approved
2. Drafting of the Energy Efficiency Action Plan for the period 2019-2021	Q2 2018 Q4 2018	No cost to BRK	European Commission	KEEA	Relevant Ministries and the Energy Sector	EEAP 2019-2021, approved
Specific objective 5.5.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026
Approval of sub-legal acts for the implementation of the Law on Energy Performance of Buildings in accordance with Directive 2010/31/EC	1. Regulation on Minimum Requirements for Energy Performance in Buildings, approved; 2. The Regulation on National Methodology of Calculation (NMC), approved			100 %	100 %	Drafting of secondary legislation
Activity	Implementat ion deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
1. Drafting of the Regulation on minimum requirements for energy performance in buildings,	Q2 2016 Q4 2018	No cost to BRK	EBRD (WBIF)	MESP	MED	Regulation adopted
2. Drafting the Regulation on the National Methodology of Calculation (MCR)	Q3 2018	No cost to BRK	EBRD	MESP	MED	Regulation adopted
Specific objective 5.6.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026
Drafting and approval of the Program for the mobilization of investments for the renewal of the elements of residential and commercial buildings in the public and private sector, according to Ministerial Council Decision of the EC;	Program for mobilization of investments for renovation of residential and commercial buildings in the public and private sector, approved			10%	20%	100 %
Activity	Implementat	Total cost	Source of	Leader.	Supporting.	Product

	ion deadline		funding	Inst.	Inst.	
Drafting of the strategy for the renovation of government buildings	Q3 2018 Q1 2019	/	MED	KEEA dhe MPA	MESP	Strategy for the renovation of government buildings
Specific objective 5.7	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026
Implementation of EE and RES measures in public and central level municipal buildings	1. EE measures, implemented in 57 central level public facilities; 2. EE measures, implemented in 30 public level municipal facilities			15 %	100 %	
Activity	Implementat ion deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
1. Completion of the EE- RES project credited by WB and reporting a. Implementation of EE measures in 57 public facilities; b. Review/creation of the legal basis for the establishment of the Association of Household Councils	Q3 2017 Q2 2019	11 mil. €	IDA – International Development Association	Ministry of Economic Developme nt	Relevant Ministries and Municipalities	EE measures implemented public buildings
2. Completion of the EE- RES project credited by KfW and reporting	Q4 2018 Q4 2020	7.5 mil. €	KfW	KEEA	Municipalities : Prishtina Ferizaj, Gjilan Gjakova	EE measures implemented, School, Healthcare facilities
Specific objective 5.8.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026
Implementation of EE, RES and Environmental measures outlined in the Paris Declaration in relation to the Charter of Sustainabiklity of the Western Balkans (WB6).	1. Removal of legal and regulatory barriers for EE; 2. Promotion of ESCOs and their contracts; 3. Identification of the program for the			1. 100 % 2. 100 %		100 %

	implementation of the minimum energy performance in residential and public buildings (in particular the increase of renewable energy sources, solar panels for sanitary water heating, heating biomass and high efficiency thermal pumps) ; 4. Capacity building for RES installations; 5. Development of the national greenhouse gas monitoring and reporting system, historical trends and projects, in compliance with the Regulation on Monitoring Mechanisms no. 525/2013, implemented.			3. 0% 4. 0% 5. 10%	3. 100% 4. 100% 5. 100%	
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
1. Removal of legal and regulatory barriers for EE	Q 3 2017 Q4 2018	0	/	MED	Relevant Ministries and Energy Operators	Legislation and regulations adopted
2. Promotion of ESCO and their contracts	Q1 2019 Q4 2019	0	/	MED	Relevant Ministries and Energy Operators	Definition of the type of contract for energy performance to be implemented by ESCO, completed
3. Drafting of the program-guideline for the implementation of minimum requirements of energy performance in buildings	Q4 2019 Q4 2020	0	EBRD	MESP	MED	Drafting of the program and start of implementation, approved
4. Capacity building for installers of RES energy equipment (Photovoltaic Panels, Wind Turbines, Small Power Plants, Thermal Pumps, etc.)	Q1 2020 Q4 2020	No cost to BRK	Donors	MEST MED	MMPH MEST	Conduct trainings and certification of RES energy equipment installers
5. Multi-Country Program for 2018-2020	Q1 2018 Q4 2020	0.35 mil. €	EC	MESP	European Union	Establishment of the National

Project: Development of a national greenhouse gas monitoring and reporting system, historical trends and projects in line with the Regulation on Monitoring Mechanisms No. 525/2013 Art. 5, 7, 12 and 14						Monitoring and Reporting System for Greenhouse Gases
Specific objective 5.9.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026
Continue implementation of the Resettlement Energy Action Plan 2011-2020 and its review in line with the requirements of the RES Directive	<ol style="list-style-type: none"> 1. Preparation for drafting of the new action plan for RES for the post-2020 period 2. Adoption of Revised Action Plan for RES 2011-2020 3. Fulfillement of renewable energy targets through the implementation of concrete projects 4. Start applying support schemes – the feed –in Premium 5. Proposing steps to simplify authorization procedures for RES projects 			<ol style="list-style-type: none"> 1. 20 % 2. 0 % 3. 20 % 4. 0 % 5. 30 % 	<ol style="list-style-type: none"> 1. 100 % 2. 100 % 3. 80% 4. 30 % 5. 100 % 	<ol style="list-style-type: none"> 2. 100 % 3. 100 % 4. 100 %
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
1. Assessment of the NAPRES 2011-2020	Q1 2018 Q4 2020	0	/	MED	Relevant Ministries and Energy Operators	Final assessment report and the construction of the concept for targets after 2020, completed
2. Review of the RES Action Plan 2011-2020	Q3 2017 Q2 2018	0	BRK	MED	Project of EUOK (IPAI) Line Ministries and Energy Operators	Reviewed plan, completed
3. Fulfillment of RES targets for the implementation of concrete projects	Q1 2018		Private Sector	MED	Relevant	2018

	Q4 2020	359.65			Ministries and Energy Operators	<p>3 projects from solar power 9 MW - 9 mil. €</p> <p>5 projects from SHP 22.1 MW - 28.73 mil. €</p> <p>2019</p> <p>14 projects from SHP, 61.8 MW - 80.34 mil. €</p> <p>2 projects from wind power 32.4 MW - 45.36 mil. €</p> <p>2020</p> <p>14 projects from SHP 37.86 MW - 49.22 mil. €</p> <p>3 projects from wind power 105 MW - 147 mil. €</p>
4. Application of suitable support schemes for attracting investments in RES -Feed-in tariffs or feed-in-premium	Q1 2018 Q1 2026	Calculated within tariffs	Adjusted by ERO for feed in tarif and Premium	ERO	MED	
5. Simplification of authorization procedures for RES projects and harmonization of legal terms of consents and permits required in accordance with the lifespan of Technologies	Q1 2018 Q4 2020	0	/	MED	Line Ministries and Energy Operators	Proposal report for simplification of procedures, approved
Specific objective 5.10.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026

Support to generation projects for thermal energy systems that use RES as fuel and promotion of the development of wood biomass market, taking into account the forms of its use such as pellets and briquettes	1. Support scheme for RES generators, drafted and approved; 2. Determination of stimulating measures in support of pellet producers and briquettes; 3. Designation of incentives for customers using pellets and briquettes for heating purposes			1. 50%	1. 100%	
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
1. Examining the possibilities for building a support scheme for RES generators	Q4 2019 Q4 2021	0	BRK	ERO MF	MED, MTI MoAFRD Heating Companies, others relevant	Building the concept of the support scheme, finalized
2. Incentive scheme for pellet and briquette customers	Q4 2019 Q4 2021	0	BRK	MED	MF	Financial incentives for customers, completed
Specific objective 5.11.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026
Functionalization of One Stop Shops for RES	1. Manual / Guidelines, drafted 2. Work Tasks for One Stop Shop staff, described.			1. 100% 2. 100 %		
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
Draw up a manual / guideline for the functionality of the One Stop Shop for RES and description of the work tasks for the staff, who will be engaged in One Stop Shop	Q3 2018 Q4 2018	0	/	MED	MF	Manual for functionalization of One Stop Shop and Tasks for Engaged Staffs, Approved
Specific objective 5.12	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026

Completion and harmonization of legislation with the acquis on environmental issues in energy activities and their implementation according to the dynamics foreseen for the period 2018-2027	<ol style="list-style-type: none"> 1. Concept Paper for amending and supplementing the Law on Integrated Pollution Prevention and Control (IPPC), adopted 3. New Law on IPPC, adopted 2. Concept Paper amending and supplementing the Law on Environmental Impact Assessment, adopted 4. The New Law on EIA, adopted 5. National Plan for the Reduction of Emissions from Large Combustion Plants, approved 	<ol style="list-style-type: none"> 1. 100 % 2. 40 % 3. 100 % 4. 40 % 5. 40 % 	<ol style="list-style-type: none"> 2. 100 % 4. 100 % 5. 100 % 			
Activity	Implementation deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
1. Drafting of the Concept Paper to amend the Law on Integrated Pollution Prevention and Control (PIPC/IPPC)	Q1 2017 Q4 2018	0	MESP	MESP	Swedish International Development Cooperation Agency (SIDA)	Concept Paper to amend the Law on Integrated Pollution Prevention and Control (PIPC/IPPC)
2. Drafting of the Draft-Law on PIPC	Q1 2018 Q4 2019	0	MESP	MESP	Swedish International Development Cooperation Agency (SIDA)	Law on PIPC
3. Drafting the Concept Paper to amend the Law on Environmental Impact Assessment	Q1 2017 Q4 2018	0	MESP	MESP	Swedish International Development Cooperation Agency (SIDA)	Concept Paper to amend the Law on Environmental Impact Assessment

4. Drafting the new EIA Law	Q1 2018 Q4 2019	0	MESP	MESP	Swedish International Development Cooperation Agency (SIDA)	New EIA Law
5. Drafting and approving the National Plan for Emission Reduction Program from Large Combustion Plants (NPED)	Q1 2018 Q2 2019	/	/	MESP	MED KEK	Reduction of emissions from TPP Kosovo A and B
Specific objective 5.13.	Indicator (s) for measuring the achievement of the target			Base 2018	Target 2020	Target 2026
Decommissioning and dismantling of gasification facilities, fertilizer, heating and other facilities that do not impede the normal operation of active units of TPP Kosovo A	Study for the Environmental and Social Impact Assessment, realized			10%	90%	100%
Activity	Implementat ion deadline	Total cost	Source of funding	Leader. Inst.	Supporting. Inst.	Product
Preparation of the Environmental and Social Impact Assessment Study as well as other documents required for the decommissioning of gasification, nitrogen and heating plants at the TPP Kosovo A site, as well as preparation of the tender dossier for the dismantling of facilities that will be subjected to decommissioning	Q3 2018 Q3 2020	1.5 mil. €	IPA II	MED	MESP MF ERO KEK KOSTT	Study for the Environmental and Social Impact Assessment