

United Nations Development Programme

برنامج الأمم المتحدة الإنمائي



Syria Country Office Annual Work Plan 2022

Project Title and ID:	Energy (Electricity & Renewable Energy) - 113007
Expected CP Outcome(s):	Outcome 2. Basic and social services and infrastructure restored, improved and sustained to enhance community resilience
Expected Output(s):	2.1 Basic, social services and other infrastructure repaired and/or restored in affected areas (schools, hospitals, health facilities, roads, electricity) 2.4 Technical capacities at the national and local level to plan, develop and deliver basic services strengthened
Implementing Partner:	UNDP
Responsible Party(ies):	UNDP, MoE, and MoLAE, and local related authorities
Gender Marker	GEN3 (gender equality as a principal objective)

As electricity is key for socio-economic recovery and the return of displaced people to affected areas and to improve living conditions and human security in affected areas as well as throughout the country. These projects aim to support the electricity sector through the rehabilitation of distribution and transmission grids while improving the power generation and distribution in the whole country in addition to the provision of electricity and rehabilitation of related infrastructure to respond to the urgent water need in some specific areas for irrigation and drinking purposes which will maintain and stabilize communities in their areas and secure employment opportunities for various sectors.

Moreover, these projects will integrate the renewable energy source of solar photovoltaic in the energy mix to meet the country's electricity demand through the installation of solar systems: Street LED Lighting, Water heating, solar pumping, Electricity supplying. And through Equipment's maintenance to ensure solar system sustainability, as we see energy access as an enabler of resilience and putting communities on a path to recovery. Furthermore, the Energy unit is working with local partners, developing their capacity, and empowering their role as central actors in service provision and recovery through the provision of professional training to enhance the technical and planning capacities at both the local and national in the field of electricity and water.

All projects are holistic, integrated area based and cross-cutting with all IR units and UNDP portfolios. Area based approach will be adopted whenever is possible to development challenges emerging from context understanding and integrated approach to human development and to achieve maximum impact. These interventions within the UNDP comprehensive Covid-19 response.

Programme Period:	2016 - 2022
Key Result Area (SP):	OUTCOME III: Building resilience to respond to systemic uncertainty and risk.
Atlas Award ID:	113007
Start date:	01-Jan-22
End Date:	31-Dec-23
LPAC Meeting Date:	13-Jan-22
Management Arrangements:	DIM

AWP Budget:	
Total resources required:	17,315,017
Total allocated resources 2022:	9,562,977
Total allocated resources 2023:	1,461,240
o Regular	-
o Others:	-
o Donors:	UNDP Sector 7 (\$471,318.85), UNDP 11888 (\$19,694), EU JP – Deir Ezzor (\$ 419,564), Norway JP – Deir Ezzor (\$ 104,891) JSB 2020 (\$ 211,449), RFF (\$ 76,635), SHF Electricity (\$ 42,231), KFW7 (\$ 144,836), UNFPA (\$ 51,683), CERF (\$ 2,613,659), SHF Daraa (\$ 632,575), GPCR (\$ 535,000), SRTF (\$ 868,079), Russia (\$ 4,870,800), GRANT AID (\$ 4,752,000), KFW8 (\$ 1,100,000), EU - JP Daraa Phase II (\$ 320,000)
Unfunded budget 2022:	2,490,038
Unfunded budget 2023:	3,800,761
In-kind Contributions:	-

Agreed by UNDP:

UNDP Resident Representative

Annual Work Plan: 2022

Project Title: Energy (Electricity & Renewable Energy)

Award ID: 113007

Expected Outputs <i>JSB 2020 (00125850)</i>	Planned Activities	Timeframe				Responsible Party	Donor	Source of Funds	Governorate	Planned Budget						
		Q1	Q2	Q3	Q4					Account and Budget Description	2022 Amount (\$) Funded*	2022 Amount (\$) Unfunded**	2022 Amount (\$)	2023 Amount (\$) funded	2023 Amount (\$) Unfunded	
Output 1: Macro: Enhancing energy governance and support for grid management through supporting the development of the Electricity Master Plan Indicators # of trainees # of Workshops conducted # of technical assessments conducted # of post evaluation conducted Targets 10 of trainees 1 of Workshops conducted 2 technical assessments conducted 1 post evaluation conducted Baselines: 0 Gender Marker 3	Activity1: Enhance capacity in the power utility sector for efficient and effective service delivery (phase2) Action: Provision of needs technical support to develop the second phase of the national energy plan					UNDP	JSB 2020	32045	National	75700-Learning Costs	146,786.40		146,786			
											71400 Contractual services individual	32,000.00		32,000		
											72135 - Svc Co-Communications Service	5,000.00		5,000		
											GMS @ 8% (separate for each donor)	14,703		14,703		
						UNDP	JSB North	32045	National	GMS @ 8% (separate for each donor)	20,000		20,000			
											71300 National Expert	35,000.00		35,000	15,000.00	
						UNDP	GRAND AID	32045	National	GMS @ 8% (separate for each donor)	2,800		2,800	1,200		
											Subtotal Activity 1.1	256,289	-	256,289	16,200	-
											Total for Output 1:	256,289	-	256,289	16,200	-
<i>RFF (00125128)</i> Output 2: Meso: Developing an energy training program and capacity building of services providers to create Job opportunities with special focus on women career development Indicators: # of women and men supported for innovative response to COVID-19 and green economy # of engineers and technicians trained Targets: 50 women and men supported for innovative response to COVID-19 and green economy 50 engineers and technicians trained Baselines: 0 Gender Marker 3	Activity 2: Support the creation, sustainability, and Covid-safety of MSMEs Actions Training on manufacturing, installation and maintenance of renewable energy systems to create job opportunities with special focus on women career creation and development.					UNDP	RFF	4001	National	75700-Learning Costs	18,089		18,089			
											72100 - Contractual services (cash for work) Third Party	5,000		5,000		
											72300-Materials and goods	4,000		4,000		
											71600- Travel	15,000		15,000		
											GMS @ 8% (separate for each donor)	-		-		
		Capacity building for engineers and technicians					UNDP	GRAND AID	32045	National	72300-Materials and goods	28,000		28,000	12,000	
											75700-Learning Costs	24,500.00		24,500	10,500.00	
											71600- Travel	17,500.00		17,500	7,500.00	
											GMS @ 8% (separate for each donor)	5,600		5,600	2,400	
											Subtotal Activity 2.1	117,689		117,689	32,400	
									Total for Output 2:	117,689	-	117,689	32,400	-		
	Activity 3.1 Rehabilitation of Electricity supply to deliver water to support economic recovery and to improve the social and economic situation of the inhabitant in the targeted areas															
Output 3: Micro: Increasing access to affordable, reliable and sustainable energy to enhance community resilience and engagement. Indicators # beneficiaries from electrical networks # benefited patients # Hectares of irrigated area # Job opportunities created for women, men and young # Long Term Job opportunities in agriculture created for women, men and young # KM Length of channel rehabilitated # KM Length of cleaned drainage canals # KM Length of cleaned valleys # KM Length of Electricity Network rehabilitated # KM Length of Irrigation network rehabilitated # Km of drainage cleaned # KM Length of Lighted street # KW of electricity generated # m³ of water provided # MW Amount of electricity # Number of people benefiting from the generated energy of the hydroelectric plant. # Number of people who are using sufficient and safe water for drinking, cooking, and personal hygiene use.	Action 1: Rehabilitation of sector 7 Support project design and implementation Assessment of the actual situation Procurement of the needed equipment and spare parts needed for the rehabilitation and installation of the provided equipment					UNDP	UNDP	30084	Deir-Ezzor	72100-Contractual Services - Companies	247,935.00		247,935.00			
											GMS @ 8% (separate for each donor)	223,383.85		223,384		
											72100-Contractual Services - Companies	593,355.68		593,356		
											72100 - Contractual services (cash for work) Third Party	23,482		23,482		
											71400 Contractual services individual	26,277		26,277		
		Actions2 : Rehabilitation of Kasr Srour pumping station Channels rehabilitated Cleaning of drainage Cleaning of Okal Valley Rehabilitation of irrigation system					UNDP	SRTF	TBD	Raqqa	72500 Operation Cost	87,591		87,591		
											GMS @ 8% (separate for each donor)	58,456		58,456		
											72100-Contractual Services - Companies	1,400,000.00			600,000.00	
											GMS @ 8% (separate for each donor)	112,000			48,000	
											Subtotal Activity 3.1	2,772,481		2,772,481	648,000	
	Activity 3.2 : Increasing access to affordable, reliable and sustainable energy to increase resilience and improve security					UNDP	UNDP	30084	TBD	72100-Contractual Services - Companies	11,894		11,894			
										GMS @ 8% (separate for each donor)	7,800		7,800			
										72100-Contractual Services - Companies	152,116		152,116			
										72100 - Contractual services (cash for work) Third Party	8,000		8,000			
										71600- Travel	2,000		2,000			
					72200 Equipment and Furniture	4,000		4,000								

Expected Outputs <i>JSB 2020 (00125850)</i>	Planned Activities	Timeframe				Responsible Party	Donor	Source of Funds	Governorate	Planned Budget					
		Q1	Q2	Q3	Q4					Account and Budget Description	2022 Amount (\$) Funded*	2022 Amount (\$) Unfunded**	2022 Amount (\$)	2023 Amount (\$) funded	2023 Amount (\$) Unfunded
# Number of pumping stations rehabilitated. # Number of wells rehabilitated. # Of farmers benefited from the rehabilitation of irrigation system # of Lighting devices # of solar collectors installed # of solar units installed # of Transformers provided # of equipment provided/maintained # of Vehicles Maintained # of social building provided with solar energy system. # Solar street light poles installed Targets 25000 beneficiaries from electrical networks 2,400 benefited patients 8,730 Hectares of irrigated area; 489 Job opportunities created for women, men and young 7,000 Long Term Job opportunities in agriculture created for women, men and young 8.7 KM Length of channel rehabilitated 13.9 KM Length of cleaned drainage canals 2.8 KM Length of cleaned valleys 148 KM Length of Electricity Network rehabilitated. 599 KM Length of Irrigation network rehabilitated 400 KM of drainage cleaned 6.8 KM Length of Lighted street 406,772.5 KW of electricity generated 213 m³ of water provided 175 MW Amount of electricity 169,506 Number of people benefiting from the generated energy of the hydroelectric plant. 925,493 Number of people who are using sufficient and safe water for drinking, cooking, and personal hygiene use. 3 Number of pumping stations rehabilitated. 40 Number of wells rehabilitated. 2,827 farmers benefited from the rehabilitation of irrigation system 100 of Lighting devices 93 Solar street light poles installed 2,295 of solar collectors installed 207 of solar units installed 68 Transformers provided 8 Equipment provided/maintained 5 Vehicles Maintained 14 social building provided with solar energy system. Baseline: 38 solar collectors 16 KW of electricity generated 200 MW Amount of electricity 26 Number of wells rehabilitated. 7 Number of pumping stations rehabilitated. Gender Marker 3-M	Action 1: provision of Renewable Energy for street lighting to improve access and security in the targeted areas	X	X	X	X	UNDP	Norway-JP	13296	Deir Ezzor	72300 Materials & Goods	800		800	-	-
										72135 - Svc Co-Communications Service	3,000		3,000	-	-
										72500 Operation Cost	17,000		17,000	-	-
										GMS @ 7% (separate for each donor)	13,084		13,084	-	-
										72100-Contractual Services - Companies	38,029		38,029	-	-
										72100 - Contractual services (cash for work) Third Party	2,000		2,000	-	-
										71600- Travel	500		500	-	-
										72200 Equipment and Furniture	1,000		1,000	-	-
										72300 Materials & Goods	200		200	-	-
										72135 - Svc Co-Communications Service	1,500		1,500	-	-
	72500 Operation Cost	3,500		3,500	-	-									
	GMS @ 7% (separate for each donor)	3,271		3,271	-	-									
	72100-Contractual Services - Companies			35,324		84,341									
	72100 - Contractual services (cash for work) Third Party			2,400		5,600									
	71600- Travel			600		1,400									
	72200 Equipment and Furniture			1,200		2,800									
	72300 Materials & Goods			360		840									
	72135 - Svc Co-Communications Service			1,280		1,920									
	72500 Operation Cost			900		2,100									
	72100-Contractual Services - Companies			50,000		100,000									
	72100 - Contractual services (cash for work) Third Party			3,000		5,000									
	GMS @ 7% (separate for each donor)			6,654		14,280									
	72100 contractual services companies			32,000.00		32,000									
	75100 Facilities and administration 7 %			2,240.00		2,240									
	Action 2: Improving access to basic needs and improving living conditions for host communities and IDPs within targeted areas through the rehabilitation of water supplies and provision of sustainable sources of energy.	X	X	X	X	UNDP	SHF - Daraa	30000	Daraa	72100 - Contractual services (cash for work) Third Party	29,880.00		29,880	-	-
										71400 Contractual services individual				-	-
										71600 Travel and Operation Cost	1,512.00		1,512	-	-
										75100 Facilities and administration 7 %	2,197.44		2,197	-	-
72100 contractual services companies										527,800.00		527,800	-	-	
75100 Facilities and administration 7 %										36,946.00		36,946	-	-	
72100 - Contractual services (cash for work) Third Party										58,800.00		58,800	-	-	
71400 Contractual services individual										151,680.00		151,680	-	-	
72300 Materials & Goods										1,316.00		1,316	-	-	
71600 Travel and Operation Cost										4,192.00		4,192	-	-	
72135 - Svc Co-Communications Service	2,400.00		2,400	-	-										
75100 Facilities and administration 7 %	15,287.16		15,287	-	-										
72100 contractual services companies	969,237.00		969,237	-	-										
75100 Facilities and administration 7 %	67,846.59		67,847	-	-										
72100 contractual services companies	406,090.90		406,091	-	-										
72135 - Svc Co-Communications Service	3,000.00		3,000	-	-										
72100 - Contractual services (cash for work) Third Party	27,272.73		27,273	-	-										
71400 Contractual services individual	18,181.82		18,182	-	-										

Expected Outputs	Planned Activities	Timeframe				Responsible Party	Donor	Source of Funds	Governor	Planned Budget									
		Q1	Q2	Q3	Q4					Account and Budget Description	2022 Amount (\$) Funded*	2022 Amount (\$) Unfunded**	2022 Amount (\$)	2023 Amount (\$) funded	2023 Amount (\$) Unfunded				
JSB 2020 (00125850)																			
	Actions 3: Provision of on-site energy-production systems (off grid PV/hybrid) to insure access to renewable and sustainable energy sources by equipping the targeted health facilities	X	X	X	X	UNDP	UNFPA	30000	Aleppo	GMS @ 7% (separate for each donor)	31,818.18		31,818						
										72100-Contractual Services - Companies	38,052.81		38,053						
										72100 - Contractual services (cash for work) Third Party	4,000.00		4,000						
										GMS @ 8% (separate for each donor)	9,630		9,630						
										72100-Contractual Services - Companies		295,900.00						451,900	
										72100 - Contractual services (cash for work) Third Party		10,000						20,000	
										72135 - Svc Co-Communications Service		20500						20500	
										GMS @ 8% (separate for each donor)		26,112						39,392	
	Action 4: Provision and installation of solar system for water heating and electricity provision to insure access to renewable and sustainable energy sources by equipping the targeted health	X	X	X	X	UNDP	RFF	4001	Latakia	72100-Contractual Services - Companies	27,000		27,000						
										72100 - Contractual services (cash for work) Third Party	3,000		3,000						
										Subtotal Activity 3.2	2,741,075	454,231	3,195,306						750,073
	Activity 3.3 Increasing access to energy through urgent rehabilitation of existing electricity grid																		
	Action 1: Electricity rehabilitation of hydroelectric power plant through provision of the needed spare parts and mechanical spare parts to ensure the power plant operation and efficiency	X	X	X	X	UNDP	CERF	30000	Raqqqa	72100 contractual services companies	1,255,047		1,255,047						
										75100 Facilities and administration 7 %	87,853		87,853						
		X				UNDP	Russia	30000	Raqqqa	61100-IP	6,451								
										GMS @ 8% (separate for each donor)	516.08								
										61100-IP		100,000						100,000	
		X	X	X	X	UNDP	Russia	30000	Raqqqa	71400 - Services Contract Individual		30,000						60,000	
										72100-Contractual Services - Companies		1,183,600.00						1807600	
										GMS @ 8% (separate for each donor)		105,088						157,408	
		X				UNDP	KFW6	30000	Damascus	71400 - Services Contract Individual	1,795								
										GMS @ 8% (separate for each donor)	143.60								
	Action 2: improve access to energy sources through rehabilitation of electricity networks	X	X	X	X	UNDP	KFW7	10238	Hassakeh Homs Latakia	72100-Contractual Services - Companies	106,334.76		106,335						
										71400 - Services Contract Individual	4,430.61		4,431						
										72100 - Contractual services (cash for work) Third Party	7,070.13		7,070						
										GMS @ 8% (separate for each donor)	27,000.00		27,000						
		X				UNDP	OCHA	30000	Aleppo	GMS @ 7% (separate for each donor)	42,230.55		42,231						
										72100-Contractual Services - Companies	45,000		45,000						
										72100 - Contractual services (cash for work) Third Party	2,000		2,000						
										71600- Travel	300		300						
		X	X	X	X	UNDP	Norway-JP	13296	Deir Ezzor	72200 Equipment and Furniture	200		200						
										72300 Materials & Goods	400		400						
										72135 - Svc Co-Communications Service	1,500		1,500						
										72500 Operation Cost	1,900		1,900						
										GMS @ 7% (separate for each donor)	3,591		3,591						
										72100-Contractual Services - Companies	180,000		180,000						
										72100 - Contractual services (cash for work) Third Party	8,000		8,000						
		X	X	X	X	UNDP	EU-JP	13296	Deir Ezzor	71600- Travel	1,200		1,200						
										72300 Materials & Goods	1,600		1,600						
										72200 Equipment and Furniture	800		800						
										72135 - Svc Co-Communications Service	3,000		3,000						
										72500 Operation Cost	10,600		10,600						
										GMS @ 7% (separate for each donor)	14,364		14,364						
		X	X	X	X	UNDP	JSB North	32045	Deir Ezzor Raqqqa Aleppo	72100-Contractual Services - Companies	21,697.21		21,697						
										GMS @ 8% (separate for each donor)	30,000.00		30,000						
										61100-IP	60,000.00		60,000				60,000.00		
										71400 - Services Contract Individual	60,000.00		60,000					30,000.00	
		X	X	X	X	UNDP	GRAND AID	32045	TBD	72100 - Contractual services (cash for work) Third Party	25,000.00		25,000					15,000.00	
										72100-Contractual Services - Companies	1092000		1,092,000					468,000.00	
										72135 - Svc Co-Communications Service	28000		28,000					12,000.00	
										GMS @ 8% (separate for each donor)	101,200		101,200					46,800	
	Emergency Employment								Hama	72100-Contractual Services - Companies		250,000							350,000

Expected Outputs	Planned Activities	Timeframe				Responsible Party	Donor	Source of Funds	Governor/norate	Planned Budget									
		Q1	Q2	Q3	Q4					Account and Budget Description	2022 Amount (\$) Funded*	2022 Amount (\$) Unfunded**	2022 Amount (\$)	2023 Amount (\$) funded	2023 Amount (\$) Unfunded				
JSB 2020 (00125850)																			
		X	X	X	X	UNDP	KFW8	30000	Homs Aleppo Latakia Tartous Daraa Sweida Rural Damascus	71400 - Services Contract Individual		50,000						80,000	
										71600- Travel		5,000						7,000	
										72100 - Contractual services (cash for work) Third Party@		31,000						52,000	
										71300 National Expert		10,000						25,000	
										72135 - Svc Co-Communications Service		4,370						6,556	
										72300-Materials and goods		20,000						35,000	
										GMS @ 8% (separate for each donor)		29,630					44,444		
										Subtotal Activity 3.3	3,231,224	1,818,688	5,049,912	631,800	2,725,008				
										Total for Output 3:	8,744,781	2,272,918	11,017,699	1,279,800	3,475,081				

Summary of Donor Funding:						
Donors	DPC	2022 Amount (\$) Funded*	2022 Amount (\$) Unfunded**	2022 Amount (\$)	2023 Amount (\$) funded	2023 Amount (\$) Unfunded
JSB 2020	64300 - DPC- 70%-staff-related Costs	8,400.00				
	74500 - DPC- 30% General Operating Expenses (GOE)	3,600.00				
	GMS @ 8%	960.00				
RFF	64300 - DPC- 70%-staff-related Costs	3,182				
	74500 - DPC- 30% General Operating Expenses (GOE)	1,364				
	GMS @ 8%	-				
GPCR	64300 - DPC- 70%-staff-related Costs	31,818				
	74500 - DPC- 30% General Operating Expenses (GOE)	13,636				
	GMS @ 7%	3,182				
SRTF	64300 - DPC- 70%-staff-related Costs	51,149				
	74500 - DPC- 30% General Operating Expenses (GOE)	21,921				
	GMS @ 8%	5,846				
Russia	64300 - DPC- 70%-staff-related Costs		114,800			172,200
	74500 - DPC- 30% General Operating Expenses (GOE)		49,200			73,800
	GMS @ 8% (separate for each donor)		13,120			19,680
GRANT AID	64300 - DPC- 70%-staff-related Costs	193,900			86,100	
	74500 - DPC- 30% General Operating Expenses (GOE)	83,100			36,900	
	GMS @ 8% (separate for each donor)	22,160			9,840	
KFW8	64300 - DPC- 70%-staff-related Costs		25,926			38,889
	74500 - DPC- 30% General Operating Expenses (GOE)		11,111			16,667
	GMS @ 8% (separate for each donor)		2,963			4,444
Total for Technical Assistance/Project Management Costs:		444,219	217,120	661,339	132,840	325,680
Total Project:		9,562,977	2,490,038	12,053,015	1,461,240	3,800,761

Summary of Donor Funding:					
Donors - Outputs	2022		2023		Total
	Funded	Unfunded	Funded	Unfunded	
Output (116611) - UNDP 11888	19,694				
Output (121643) - UNDP 11888	471,319				
Output (129557) EU- D.Z	419,564				
Output (129558) Norway - D.Z	104,891				
Output (125850) - JSB 2020	211,449				
Output (00121002) - JSB North	20,000				
Output (00121003) - JSB North	51,697				
Output (125128) - RFF	76,635				
Output (123968) - OCHA	42,231				
Output (00125365) - KFW7	144,836				
Output (00126279) - UNFPA	51,683				
Output (00129181) - CERF	2,613,659				
Output (TBD) - SHF Daraa	632,575				
Output (129404) - GPCR	535,000				
Output (129080) - SRTF	868,079				
Output (119951) - KFW6	1,939				
Output (119952) - Russia	6,967				
Russia		1,948,320		2,922,480	
GRAND AID	3,290,760	-	1,461,240		
KFW8		440,000		660,001	
EU - JP Daraa Phase II		101,719		218,281	
Total:	9,562,977	2,490,038	1,461,240	3,800,761	17,315,017