

IMPLEMENTATION PROGRESS AND RESULTS REPORT (IPR)



A. Report summary and proposed actions

Report Data

Project name:	SOLAR (PV) POWERED PUMPING SYSTEM (DESERT-TO-POWER INITIATIVE)		
Project code:	P-SD-FF0-001		
Country	Sudan		
Sector:	Solar Energy		
Environmental categorization	2-Moderate E&S risks		
Report type:	Date of report: 30.06.2022	Mission: DESK SUPERVISION 0001	
		From: 24.06.2022	To: 27.06.2022
Prepared by	Task Manager: Baba S. FATAJO	Alternate Task Manager :	Division Manager : WUBESHET ZEGEYE Alemayehu (RDGE1)

Project Data

PROJECT FINANCING in (UAC)					
Financing source/instrument		Foreign currency	Local currency	Total	
A.D.F.	ProjCycleGrant	0.00	2,660,000.00	2,660,000.00	
Fragile States Facility	ProjCycleGrant	126,110,000.00	15,230,000.00	141,340,000.00	
GOVERNMENT	ProjCycleGrant	0.00	0.00	0.00	
TOTAL		126,110,000.00	17,890,000.00	144,000,000.00	
PROCESSING MILESTONES (bank approved financing only)					
Loan Number	Date approved	Date signed	Date of entry into force	Date effective for first disbursement	Disbursement deadline
2100155040630	18.12.2019	05.03.2020	05.03.2020	26.07.2021	31.12.2025
5900155016163	18.12.2019	05.03.2020	05.03.2020	26.07.2021	31.12.2025
LOAN AMOUNT (in UAC)					
Loan Number	Net loan	Approved (UAC)	Signed (UAC)	Cancelled (UAC)	Net Loan (UAC)
2100155040630	266,000.00	266,000.00	266,000.00	0.00	266,000.00
5900155016163	14,134,000.00	14,134,000.00	14,134,000.00	0.00	14,134,000.00
TOTAL		14,400,000.00	14,400,000.00	0.00	14,400,000.00
DISBURSMENT STATUS at supervision date (in UAC)					
Loan Number	Disbursed to date	Disbursed to date (UAC)	% Disbursed to date	Undisbursed to date (in UAC)	% Undisbursed to date
2100155040630	0.00	0.00	0.00%	266,000.00	100.00%
5900155016163	292,080.70	292,080.70	2.07%	13,841,919.30	97.93%
TOTAL		292,080.70	2.03%	14,107,919.30	97.97%
Executing and Implementation agencies					
Borrower	GOVERNMENT OF SUDAN				
Guarantor	GOVERNMENT OF SUDAN				
Executing Agency	MINISTRY OF WATER, IRRIGATION ELECTRICITY				

Performance status

Progress towards development objective		
	Performance rating	Summary of key findings

Rating on Development Objective (DO)	Current	Previous	The project implementation is at an infancy stage and the fact that the EA/PIU has been actively engaging the Bank project team on project implementation issues despite the suspension of operations indicates that once the existing constraints are addressed, the project will be able to achieve its development objectives.
	satisfactory		
Implementation progress			
Rating on Implementation Progress (IP)	Performance rating		Summary of key findings
	Current	Previous	
	satisfactory		The implementation progress rating is unsatisfactory. However, this is mainly due to the constraints that are beyond the EA/PIU, such as the political situation in the country and the Bank's suspension of operations. Once these are eased, the progress will improve.
Overall project performance classification			
Overall Project Performance (PP, PPP or NPPP)	Performance rating		Summary of key findings
	Current	Previous	
	Non Potentially Problematic Project		Under the prevailing circumstances, the project is considered problematic but the issues leading to the same can be addressed and hopefully, implement the project and achieve the set objectives.

Issues, risks and actions for management consideration

Issues affecting project implementation				
Key issues	Corrective actions	Responsible	Deadline	Status
Low start up of implementation.	PIU to ensure that the Bank's processes and procedures are well understood and put in extra efforts to deliver on time.	EA/PIU	31.12.2022/On going to the end of the project.	In progress
Suspension of Bank operations.	Bank to consider lifting of suspension.	AfDB	31.07.2022/ASAP	In progress
Main risks and mitigation				
Risks	Mitigation measures applied or proposed	Responsible	Deadline	
Performance risk in solar pumps	This will be mitigated by the use of a combination of capacity building and testing to appropriately size the pumps, and adoption of efficient irrigation techniques.	EA/PIU	31.12.2027 (This should be ongoing.)	
The performance risk in solar pumps, such as failure to deliver the volume of water farmers are used to or being over-sized is likely to happen.				
Relatively high capital expenditure required	This risk will be mitigated by Government commitment to allow the farmers to repay 25% of the cost of pumps in four years' instalment without interest.	Government	31.12.2031 (The government make this concession.)	
Relatively high capital expenditure required, and associated risk makes most farmers reluctant to this investment.				

B. Results reporting and assessment

Progress towards development objective (project purpose)

State the project development objective (usually the project purpose as set out in the Results-based Logframe) and assess progress
RRS@AFDB.ORG. To reduce GHG emission and dependency on imported fossil fuels through use of renewable Solar PV powered pumps for water supply in irrigation to foster economic and social development.

Outcome reporting

Outcome indicators (as per RLF)	Baseline value	Most recent value	End target	Progress toward endtarget (%)	Assesment
GHG emissions avoided from Solar PV powered pumping					
CO2 emission reduced (ton)	0.000	0.000	376,000.000	0.00%	<p>Likely to be achieved with correctives actions</p> <p>The current status was partly due to slow start-up. It was compounded by the Bank's suspension of operations due to the de-facto situation of the country since 25th October 2021the Bank has now permitted resumption of technical procurement processes up to pre-signature level. . This will allow the project to build momentum when the operations resume after lifting of suspension.</p>
Reduced dependency on on imported fossil fuel					
Fuel saved due to avoided diesel cost after pumps have been installed over 20 year life span (mia)	0.000	0.000	4,604.850	0.00%	<p>Likely to be achieved with correctives actions</p> <p>The current status was partly due to slow start-up. It was compounded by the Bank's suspension of operations due to the de-facto situation of the country since 25th October 2021 the Bank has now permitted resumption of technical procurement processes up to pre-signature level. This will allow the project to build momentum when the operations resume after lifting of suspension. Hence the targets are achievable.</p>
Reduced down-time and farmer's time lost to repair diesel pumps					
Reduction of down-time and farmer's time lost to repair diesel pumps (%)	0.000	0.000	80.000	0.00%	<p>Likely to be achieved with correctives actions</p> <p>The current status was partly due to slow start-up. It was compounded by the Bank's suspension of operations due to the de-facto situation of the country since 25th October 2021the Bank has now permitted resumption of technical procurement processes up to pre-signature level. . This will allow the project to build momentum when the operations resume after lifting of suspension. The targets are achievable once the operations resume.</p>
Outcome rating					
Rating on project outcomes	Performance rating		Summary of key findings		
	Current	Previous			
	3		The outcomes and output are achievable provided the Bank's operations resume soonest and the EA puts in extra efforts to catch up with the lost rime.		

Output reporting

Output indicators	Most recent value	Annual target	End target	Progress towards annual target (%)	Progress towards end of project target (%)	Assessment
Installation of solar photovoltaic (PV) powered pumping systems						
Number of installed Solar PV powered	0.000	50.00	1,170.000	0.00%	0.00%	On track

pumps of which 50% will be at (nbr)						The current status was partly due to slow start-up. It was compounded by the Bank's suspension of operations due to the de-facto situation of the country since 25th October 2021the Bank has now permitted resumption of technical procurement processes up to pre-signature level. . This will allow the project to build momentum when the operations resume after lifting of suspension. The actual physical implementation has not started yet. On track.
[WOMEN]-Number of installed Solar PV powered pumps of which 50% will be at (nbr)	0.000	50.00	585.000	0.00%	0.00%	On track The actual activities have not started yet. On track.
Total installed capacity of Solar PV (mw)	0.000	0.50	5.810	0.00%	0.00%	On track The current status was partly due to slow start-up. It was compounded by the Bank's suspension of operations due to the de-facto situation of the country since 25th October 2021the Bank has now permitted resumption of technical procurement processes up to pre-signature level. . This will allow the project to build momentum when the operations resume after lifting of suspension. The actual physical implementation has not started yet. On track.
Setup and equip workshops for maintenance and repair of solar pumping systems						
Nr. of fully equipped workshops for repair and maintenance of solar pumping systems (nbr)	0.000	0.00	2.000	0.00%	0.00%	On track The current status was partly due to slow start-up. It was compounded by the Bank's suspension of operations due to the de-facto situation of the country since 25th October 2021the Bank has now permitted resumption of technical procurement processes up to pre-signature level. . This will allow the project to build momentum when the operations resume after lifting of suspension. The actual physical implementation has not started yet. On track.
Nr. of female headed farms or female labor-intensive farms benefitting from the project (%)	0.000	5.00	50.000	0.00%	0.00%	On track The current status was partly due to slow start-up. It was compounded by the Bank's suspension of operations due to the de-facto situation of the country since 25th October 2021the Bank has now permitted resumption of technical procurement processes up to pre-signature level. This will allow the project to build momentum when the operations resume after lifting of suspension. The actual physical implementation has not started yet. On track.
[WOMEN]-Nr. of female headed farms or female labor-intensive farms benefitting from the project (%)	0.000	5.00	50.000	0.00%	0.00%	On track The actual activities have not started yet. On track.
Additional testing equipment for the solar PV pumps laboratory						

Nr. of fully equipped solar PVtesting laboratory (nbr)	0.000	0.00	1.000	0.00%	0.00%	On track The current status was partly due to slow start-up. It was compounded by the Bank's suspension of operations due to the de-facto situation of the country since 25th October 2021the Bank has now permitted resumption of technical procurement processes up to pre-signature level. . This will allow the project to build momentum when the operations resume after lifting of suspension.
Audit reports and quarterly reports submitted on time						
Nr. of quarterly progress reports (nuy)	3.000	4.00	4.000	75.00%	75.00%	On track The current status was partly due to slow start-up. It was compounded by the Bank's suspension of operations due to the de-facto situation of the country since 25th October 2021the Bank has now permitted resumption of technical procurement processes up to pre-signature level. . This will allow the project to build momentum when the operations resume after lifting of suspension. Despite the setback, the EA is submitting quarterly reports on the on-going activities.
Time to complete audit report (nuy)	0.000	0.00	1.000	0.00%	0.00%	On track The current status was partly due to slow start-up. It was compounded by the Bank's suspension of operations due to the de-facto situation of the country since 25th October 2021the Bank has now permitted resumption of technical procurement processes up to pre-signature level. This will allow the project to build momentum when the operations resume after lifting of suspension. The first annual audit will be due in December 2022. On track.
Implementation of ESMP						
ESMF fully executed and quarterly compliance report submitted. (nuy)	0.000	4.00	4.000	0.00%	0.00%	On track Despite the setback, the EA is submitting quarterly reports on the on-going activities.
[WOMEN]-ESMF fully executed and quarterly compliance report submitted. (nuy)	0.000	0.00	1.000	0.00%	0.00%	On track The current status was partly due to slow start-up. It was compounded by the Bank's suspension of operations due to the de-facto situation of the country since 25th October 2021the Bank has now permitted resumption of technical procurement processes up to pre-signature level. . This will allow the project to build momentum when the operations resume after lifting of suspension. The actual activities have not started yet. On track.
Output rating						
Rating on project outputs	Performance rating		Summary of key findings			
	Current	Previous	The high rating can be maintained if the EA puts in extra effort to recover from the low pace of implementation.			
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Development objective (DO) rating

Progress towards development objective			
Rating on Development Objective (DO)	Performance rating		Summary of key findings
	Current	Previous	
	satisfactory		The project implementation is at an infancy stage and the fact that the EA/PIU has been actively engaging the Bank project team on project implementation issues despite the suspension of operations indicates that once the existing constraints are addressed, the project will be able to achieve its development objectives.