



Kiribati: South Tarawa Renewable Energy Project

Project Name	South Tarawa Renewable Energy Project												
Project Number	49450-021												
Country	Kiribati												
Project Status	Approved												
Project Type / Modality of Assistance	Grant												
Source of Funding / Amount	<table border="1"> <tr> <td>Grant 0762-KIR: South Tarawa Renewable Energy Project</td> <td></td> </tr> <tr> <td>concessional ordinary capital resources lending / Asian Development Fund</td> <td>US\$ 8.00 million</td> </tr> <tr> <td>Grant 0763-KIR: South Tarawa Renewable Energy Project</td> <td></td> </tr> <tr> <td>Government of New Zealand</td> <td>US\$ 2.00 million</td> </tr> <tr> <td>Grant 0764-KIR: South Tarawa Renewable Energy Project</td> <td></td> </tr> <tr> <td>Strategic Climate Fund - SREP</td> <td>US\$ 3.70 million</td> </tr> </table>	Grant 0762-KIR: South Tarawa Renewable Energy Project		concessional ordinary capital resources lending / Asian Development Fund	US\$ 8.00 million	Grant 0763-KIR: South Tarawa Renewable Energy Project		Government of New Zealand	US\$ 2.00 million	Grant 0764-KIR: South Tarawa Renewable Energy Project		Strategic Climate Fund - SREP	US\$ 3.70 million
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Strategic Climate Fund - SREP	US\$ 3.70 million												
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth												
Drivers of Change	Governance and capacity development Knowledge solutions Partnerships Private sector development												
Sector / Subsector	Energy - Energy sector development and institutional reform - Renewable energy generation - solar												
Gender Equity and Mainstreaming	Effective gender mainstreaming												
Description	The South Tarawa Renewable Energy Project (STREP or the Project) will support upscaling of solar power generation in Kiribati. The Project will reduce dependence on fossil fuel imports by increasing the renewable energy (RE) percentage of electricity generation. STREP has three outputs: (i) solar photovoltaic and battery energy storage system installed; (ii) draft energy act to enable increased deployment of renewable energy developed; and (iii) institutional capacity for inclusive renewable energy project development and implementation enhanced.												
Project Rationale and Linkage to Country/Regional Strategy	The South Tarawa Renewable Energy Project (STREP-the project), ADB's first in Kiribati's energy sector, will finance climate-resilient solar photovoltaic generation, a battery energy storage system, and will support institutional capacity building including the development of an inclusive and gender-sensitive renewable energy enabling framework while addressing barriers to private sector investment. The project will help South Tarawa increase renewable energy grid penetration from 9% to 44%, thereby exceeding the government target for South Tarawa of 36% renewable energy penetration by 2025. Increased solar generation will benefit the economy through reduced importation of fossil fuels and placing downward pressure on tariffs. Utilization of renewable energy also reduces GHG emissions which contribute to global warming and rising sea levels that render Kiribati among the most vulnerable.												
Impact	Renewable energy generation increased and greenhouse gas emissions reduced												
Project Outcome													
Description of Outcome	Generation and utilization of clean energy in South Tarawa increased												
Progress Toward Outcome													
Implementation Progress													
Description of Project Outputs	Solar photovoltaic and battery energy storage system installed Draft energy act to enable increased deployment of renewable energy developed Institutional capacity for inclusive renewable energy project development and implementation enhanced												
Status of Implementation Progress (Outputs, Activities, and Issues)													
Geographical Location	Nation-wide, Tarawa												
Safeguard Categories													
Environment	B												
Involuntary Resettlement	B												
Indigenous Peoples	C												
Summary of Environmental and Social Aspects													
Environmental Aspects													
Involuntary Resettlement													
Indigenous Peoples													
Stakeholder Communication, Participation, and Consultation													

During Project Design

During Project Implementation

Business Opportunities

Consulting Services All consultants will be recruited according to ADB's Procurement Policy (2017). An estimated 90 person-months inputs from 5 national individual experts are required for the project management unit. In addition, an international firm will be engaged on a time-based contract for a minimum of 18 person-months international and 24 person months national inputs to undertake construction supervision activities on the project, as well as other related responsibilities.

Procurement All procurement of goods and works will be undertaken in accordance with ADB's Procurement Policy (2017). Since ADB is administering cofinancing resources for ADF-financed operations, universal procurement applies. Open competitive bidding procedures will be used for the main procurement package under the project.

Responsible ADB Officer	Tiangco, Cinderella C.
Responsible ADB Department	Pacific Department
Responsible ADB Division	PAEN
Executing Agencies	Asian Development Bank 6 ADB Avenue, Mandaluyong City 1550, Philippines Ministry of Finance and Economic Development P.O. Box 67 Bairiki, Tarawa Kiribati

Timetable	
Concept Clearance	-
Fact Finding	23 Mar 2020 to 23 Apr 2020
MRM	09 Oct 2020
Approval	26 Nov 2020
Last Review Mission	-
Last PDS Update	26 Nov 2020

Grant 0762-KIR

Financing Plan		Grant Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	9.00	Cumulative Contract Awards			
ADB	8.00	-	0.00	0.00	%
Counterpart	1.00	Cumulative Disbursements			
Cofinancing	0.00	-	0.00	0.00	%

Grant 0763-KIR

Financing Plan		Grant Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	2.00	Cumulative Contract Awards			
ADB	0.00	-	0.00	0.00	%
Counterpart	0.00	Cumulative Disbursements			
Cofinancing	2.00	-	0.00	0.00	%

Grant 0764-KIR

Financing Plan		Grant Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	3.70	Cumulative Contract Awards			
ADB	0.00	-	0.00	0.00	%
Counterpart	0.00	Cumulative Disbursements			
Cofinancing	3.70	-	0.00	0.00	%

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