ADB

Micronesia, Federated States of: Chuuk Water Supply and Sanitation Project

Project Name	Chuuk Water Supply and Sanitation Project	
Project Number	53284-002	
Country	Micronesia, Federated States of	
Project Status	Proposed	
Project Type / Modality of Assistance	Grant	
Source of Funding / Amount	Grant: Chuuk Water Supply and Sanitation Project	
	concessional ordinary capital resources lending / Asian Development Fund US\$	5 14.00 million
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Governance and capacity development Knowledge solutions Partnerships	
Sector / Subsector	Water and other urban infrastructure and services - Urban policy, institutional and capacity development - Urban sewerage - Urban water supply	
Gender Equity and Mainstreaming	Effective gender mainstreaming	
Description	The proposed Chuuk Water Supply and Sanitation Project (CWSSP) will improve CPUC's utility operation and customer management, expand and rehabilitate CPUC's sewage system and water supply services, reduce NRW, and increase revenue from water supply and sewerage services. The project will also raise Chuuk's community awareness on good sanitation and hygiene practices to prevent diseases and will foster water conservation.	
Project Rationale and Linkage to Country/Regional Strategy	 The latest official statistics for the Federated States of Micronesia (FSM) estimated the total national population (about 30% of Chuu population) and has an area of 127 square kilometers. The Chuuk State's population is projected to increase to 50,000 by 2025 were growth in Weno and Tonoas islands. The FSM is highly vulnerable to natural hazards, particularly severe tropical storms and droughts, and is highly susceptible to impacts. In 2015, Typhoon Maysak struck the states of Chuuk and Yap, causing four deaths and damaging houses, crops, and puinfrastructure. About a third of the national population was affected, and the damage cost is estimated at 4% of the country's 20 domestic product. Chuuk State experienced two major droughts during 2016-2019, which resulted in Weno's surface water source and stressing groundwater resources. Climate change projections show that temperatures will continue to rise in the FSM, as will and ocean acidification. The intensity and frequency of days of extreme rainfall are projected to increase, which exacerbates the infrastructure that is resilient to climate change and natural disasters. In Chuuk State, access to public water supplies and sanitation services is limited. A household survey in june 2020 reported to 1% of households in Weno obtained drinking water from the public water supply systems. Other sources of household drinking water from the public water supply systems. Other sources of a New Pattor corrects (3%). Bravesting is not secure due to the seasonal rainfall patterns and more frequent and severe dry periods as a result of climate change and ratural disasters. CPUC water production is 2,900 cubic meters per day in which 95% is from deep wells and 5% from the Pou River. CPUC filters th abstracted from the Pou River and chironater, and twater produced. The Pou River headworks and the evelopment of the new were usell, reduce the reliance on groundwater, and substantially reture head were and othereabilitation. CPU	Jk's vith most of climate change iblic 15 gross ses drying up I the sea level meed for that less than rater were inwater ange. The ne water I in 1982 are Juld expand its vater source eholds in the requires upgrading ed parts of the communities. utor to rvices to the ed by the Asian preciation, and of CPUC's ne of the water high NRW in on of NRW is sewerage y network sses from the
Impact	Sustainable development of social and economic infrastructure promoted through the provision and utilization of cost-effective, s and sustainable infrastructure. Chuuk State infrastructure needs towards a sustainable development met and maintained.	sare, reliable,
Outcome	Efficiency, climate change and disaster resiliency, and sustainability of safe water and sanitation improved in Chuuk State	

Outputs	 Water supply infrastructure and service improv Sanitation infrastructure and service improved Awareness and behaviors of hygiene and water c CPUC made financially and technically sustainable 	onservation in Chuuk enhanced and sustained	
Geographical Location			
Safeguard Categories			
Environment			В
Involuntary Resettlement			В
Indigenous Peoples			С
Summary of Environmental and	Social Aspects		
Environmental Aspects			
Involuntary Resettlement			
Indigenous Peoples			
Stakeholder Communication, Pa	rticipation, and Consultation		
During Project Design			
During Project Implementation			
Responsible ADB Officer		Blaik, Stephen	
Responsible ADB Department		Pacific Department	
Responsible ADB Division		PAUW	
Executing Agencies		Department of Finance and Administration PS2, Palikhir Pohnpei State Federated States of Micronesia	
Timetable			
Concept Clearance		07 Apr 2020	
Fact Finding		15 Jun 2020 to 19 Jun 2020	
MRM		17 Aug 2020	
Approval		-	
Last Review Mission		-	
Last PDS Update		14 Jul 2020	

Project Page	https://www.adb.org/projects/53284-002/main
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