



Samoa: Alaoa Multi-Purpose Dam Project

Project Name	Alaoa Multi-Purpose Dam Project
Project Number	52111-001
Country	Samoa
Project Status	Proposed
Project Type / Modality of Assistance	Grant
Source of Funding / Amount	Grant: Alaoa Multi-Purpose Dam Project concessional ordinary capital resources lending / Asian Development Fund US\$ 20.00 million
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth
Drivers of Change	Governance and capacity development Partnerships Private sector development
Sector / Subsector	Water and other urban infrastructure and services - Urban flood protection - Urban water supply
Gender Equity and Mainstreaming	Some gender elements
Description	The proposed Alaoa Multi-Purpose Dam Project (AMDP) (the Project) will develop a multi-purpose dam coupled with a run-of-river type of small hydropower plant (SHP), with an indicative capacity of 0.26 megawatts (MW) in the upstream areas of the eastern branch of the Vaisigano river in Apia, Samoa. The Project will help Samoa (i) attenuate Vaisigano River floods; (ii) increase the resiliency of the Apia water supply; and (iii) increase Samoa's renewable energy production capacity. The Project also includes capacity building and project management supports. The project feasibility assessment is currently being undertaken under the regional transaction technical assistance.
Project Rationale and Linkage to Country/Regional Strategy	The primary objective of this proposed AMDP is to prevent flooding from the upstream areas of the eastern branch of the Vaisigano river. The secondary benefit of the dam will be seasonal water supply during dry periods and reduction in the noted turbidity issue during flood periods. The tertiary objective of the dam will be additional hydropower generation of about 0.26 MW, which will support government's target of 100% renewable energy for electricity generation by 2025.
Impact	Reduced the impact of climate change adaptation and dependency on imported fossil fuels for power generation.
Outcome	Resiliency on climate change-related flooding and water security, and renewable energy penetration increased.
Outputs	Construction of the multipurpose dam for (i) flood retention; and (ii) seasonal water supply Construction of the run-of-river SHP Strengthening of capacity for project management
Geographical Location	Nation-wide

Safeguard Categories

Environment	A
Involuntary Resettlement	B
Indigenous Peoples	C

Summary of Environmental and Social Aspects

Environmental Aspects	The project is categorized as 'A' for Environment. A full environment impact assessment report is currently being prepared and is expected to be publicly disclosed in June 2019.
Involuntary Resettlement	The project is categorized as 'D' for Involuntary Resettlement. A Resettlement Plan report is currently being prepared and is expected to be publicly disclosed in June 2019.
Indigenous Peoples	The project is categorized as 'C' for Indigenous Peoples.

Stakeholder Communication, Participation, and Consultation

During Project Design The ADB safeguards policy puts a strong emphasis on ensuring inclusive and meaningful consultations with all affected persons and other key stakeholders. Hence, as part of the ongoing project preparation for the Alaoa Multi-purpose Dam Project, the government with support from a Communication Specialist engaged by ADB, is implementing a Stakeholder Consultation and Communication Plan which requires consultations and engagement with affected persons such as those who could experience physical eviction and/or economic loss or livelihood impacts due to the project. The key areas for consultation include: project information and its likely involuntary resettlement impacts to gather affected persons' feedback/concerns and how this should be taken into account in the safeguards planning; (ii) solicit recommendations on how to effectively develop grievance redress mechanism appropriate to the Samoan culture and values; and (iii) disclosure of the draft safeguards plans to solicit feedback from the affected persons before finalizing the version for posting on ADB/government websites. To date, several public consultations among the affected persons, relevant communities and key stakeholders have already been undertaken and will continually be undertaken.

During Project Implementation Project consultation will be an ongoing process not only while we are completing the project preparation but especially during project implementation. ADB also requires consultations to be done in an atmosphere free of intimidation or coercion so affected persons are able to share their concerns and feedback without fear of retaliation. All the issues being raised from consultations are being assessed through the ongoing safeguards due diligence.

Responsible ADB Officer Lee, Woo Yul

Responsible ADB Department Pacific Department

Responsible ADB Division Transport, Energy and Natural Resources Division, PARD

Executing Agencies
*Ministry of Finance
Ministry of Finance
Government of Samoa
Private Bag, Apia, Samoa*

Timetable

Concept Clearance	-
Fact Finding	04 Feb 2019 to 08 Feb 2019
MRM	19 Apr 2019
Approval	-
Last Review Mission	-
Last PDS Update	14 Jan 2019

Project Page <https://www.adb.org/projects/52111-001/main>

Request for Information <http://www.adb.org/forms/request-information-form?subject=52111-001>

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