



# Tonga: Integrated Urban Development Sector Project

Project Name	Integrated Urban Development Sector Project		
Project Number	38160-032		
Country / Economy	Tonga		
Project Status	Closed		
Project Type / Modality of Assistance	Grant		
Source of Funding / Amount	Grant 0108-TON: Integrated Urban Development Sector Project		
	Asian Development Fund	US\$ 11.30 million	
Strategic Agendas	Environmentally sustainable growth		
Drivers of Change	Gender Equity and Mainstreaming Governance and capacity development		
Sector / Subsector	Transport / Urban roads and traffic management Water and other urban infrastructure and services / Urban flood protection - Urban policy, institutional and capacity development - Urban sanitation		
Gender	Some gender elements		
Description	<p>The overall impact of the Project is to improve environmental quality and public health in Nuku'alofa through improved urban infrastructure. The focus will be on improvement of delivery of urban services to the poor and vulnerable in urban and peri-urban areas. The outcome of the project will be the establishment or improvement of high-priority infrastructure projects, such as roads and drains. The project will include (i) verification of detailed locations for the proposed infrastructure subprojects, (ii) design and installation of the infrastructure, (iii) capacity building and monitoring, and (iv) training of operators. The key overall outcomes will be (i) improved living conditions in urban and peri-urban areas and (ii) improved and better-coordinated urban planning and management.</p> <p>Specific outputs include (i) improved roads and drains in the urban area; (ii) a major new drain to serve a low-lying inundated part of the urban area; (iii) capacity building in preventative maintenance.</p> <p>The project will include construction of key infrastructure subprojects, and will ensure that they are sustainable through the establishment of maintenance funds and cost-recovery mechanisms, as well as training of operators and maintenance personnel. The project is expected to result in the establishment of a new urban planning and management unit.</p> <p>With a focus on low-income areas, the proposed project will have substantial poverty reduction effects through improved living conditions, creation of bankable assets for the poor, and on-the-job training through employment opportunities related to project construction.</p>		
Project Rationale and Linkage to Country/Regional Strategy	<p>Increased demand for town allotments in urban areas has forced urban expansion onto low-lying wetlands. With decreasing availability of suitable land and a rapidly growing urban population, social services in Nuku'alofa are deteriorating and roads and drainage need improvement. Frequent flooding in parts of the Nuku'alofa area is resulting in declining health and social indicators. The Project will contribute to improved urban services.</p> <p>The Project supports the Asian Development Bank (ADB) strategy for improved access to basic social services and the Government's Strategic Development Plan 8. The Project is directly linked to ADB's key strategy to support the Government's policy reform program for enhancing the public sector's efficiency and effectiveness, and it addresses deteriorating social conditions through general interventions.</p>		
Impact	The Project is expected to contribute to improved living standards in Nuku'alofa, including for low-income residential areas, through providing improved urban infrastructure.		
Project Outcome			
Description of Outcome	The Project will improve urban infrastructure and enhance urban sustainability by supporting implementation of planning and urban management legislation as well as urban planning and management capacity building.		
Progress Toward Outcome	All civil works on various roads, footpaths and drains were completed in December 2013. From the completed works, it has been reported that travel time has reduced during peak hours which effectively means reduction in operating costs; there has been a reduction in traffic accidents; Safe pedestrian walkways have been provided around the Nukualofa area. From the completed drainage work, it has already been noted that pooling of water after heavy rains have reduced and duration of pooling reduced at critical spots. Full impact of the project and the outcomes achievement will be assessed as part of the EA's PCR that will now be compiled and submitted to ADB by the EA.		
Implementation Progress			
Description of Project Outputs	<p>The Project will provide for the following:</p> <p>(i) Roads. Rehabilitating approximately 20 kilometers (km) of primary roads, including road drainage, constructing 4 km of all weather access roads in low-income residential areas, and developing a preventive road maintenance program.</p> <p>(ii) Drainage. Rehabilitating all existing drains in Nuku'alofa's central business areas (CBA), constructing 2.1 km of flood relief drains, and developing a stormwater drainage maintenance program.</p> <p>(iii) Sanitation. Constructing eight groundwater monitoring wells and monitoring of groundwater quality.</p> <p>(iv) Candidate subprojects. Constructing candidate subprojects selected following the selection criteria.</p>		
Status of Implementation Progress (Outputs, Activities, and Issues)	Special drain cleaning equipment procured. Drainage rehabilitation and drain cover replacement works completed in 2011. Construction of monitoring wells completed in 2010. Regular water testing continues.		
Geographical Location	Nuku'alofa		
Safeguard Categories			
Environment	B		
Involuntary Resettlement			
Indigenous Peoples			
Summary of Environmental and Social Aspects			

Environmental Aspects	<p>The Project is classified as environmental category B. An initial environmental examination (IEE) has been prepared in accordance with ADB's Environment Policy (2002) and Environmental Assessment Guidelines (2003), and a summary IEE is attached as Appendix 11. The Government's environmental requirements, as set out in the Environmental Impact Assessment Act (2003), have also been taken into account. Consultations with stakeholders were undertaken while preparing the IEE to ensure their concerns will be adequately addressed and incorporated in the project design</p> <p>The seven core subprojects are located within Nuku'alofa urban area, where the environment has been substantially modified. Most of the subprojects are maintenance and rehabilitation by nature. They are all small, involve minor civil works, and none of them will be located or pass through any protected areas or ecologically sensitive environment. The road upgrades that consist of resurfacing, widening, and providing sidewalks will be within the existing rights-of-way, and the drainage components consist of improvements to the existing drainage system in the CBA. Constructing a new drainage channel leading to a settlement area has been dropped. Mitigation measures have been formulated to minimize environmental impacts to insignificant levels. The groundwater quality monitoring will involve installing wells around the project area. It will produce data necessary for improving conservation of the lagoon and foreshore environment. Limited land acquisition will be involved, but no resettlement will be required.</p>
Involuntary Resettlement	<p>Of the seven core subprojects, only the Sopu Drainage Channel subproject will involve involuntary resettlement. ( This subproject was dropped as actual land acquisition came to more than what was envisaged at project design) Widening of the Taufua'ahau Road will be contained within the existing right-of-way. The Taufua'ahau Road right-of-way is not being encroached upon for commercial or any other purpose. A summary land acquisition and resettlement plan (LARP) is included in Appendix 10, and the short LARP is in Supplementary Appendix F of the RRP. A LARP will be prepared for candidate subprojects that require land acquisition or have resettlement impacts following the guidelines set out in the land acquisition and resettlement framework (refer to Supplementary Appendix G).</p>
Indigenous Peoples	The great majority of the population in Tonga is Tongan, with a common culture and language.

#### Stakeholder Communication, Participation, and Consultation

During Project Design	A highly participatory approach was employed to prepare the Project, and consultations with stakeholders were conducted throughout Tonga. The social assessment component was based on (i) 16 workshops that included altogether more than 300 participants on community needs assessment and involved particular interest groups, women, youth, and community leaders, as well as church leaders in 'Eua, Ha'apai, Tongatapu, and Vava'u; and (ii) a socioeconomic survey of 431 randomly selected households in Nuku'alofa. A report on the results of the consultations is given in Supplementary Appendix A
During Project Implementation	In designing each sub project component the PIU engages in consultation with the relevant stakeholders so that problems do not arise when the subprojects gets to the implementation stage. Quartely project reports are produced and distributed to the stakeholders as well after the Project Steering committes approval.

#### Business Opportunities

Consulting Services	An international consulting firm (57 person-months of international and 151 person-months of national consulting services) will be engaged as project implementation assistance (PIA) consultants to assist the PMU in overall project management and implementation. The consultants will be recruited in accordance with with ADB's Guidelines on the Use of Consultants by the Asian Development Bank and its Borrowers (February 2007, as amended from time to time) using the Quality and Cost-Based Selection (QCBS) method.
Procurement	All civil works will be procured through international competitive bidding procedures (ICB). Procurement of specialized equipment for road and drainage maintenance will be done using shopping procedures.

Responsible ADB Officer	Narayan, Vijay
Responsible ADB Department	Pacific Department
Responsible ADB Division	Pacific Subregional Office in Suva, Fiji
Executing Agencies	Ministry of Infrastructure Leveni 'Aho mowtonga@kalianet.to Nukualofa, Tonga Ministry of Infrastructure P.O. Box 52 Nuku'alofa Kingdom of Tonga

#### Timetable

Concept Clearance	25 Aug 2004
Fact Finding	11 Apr 2007 to 20 Apr 2007
MRM	20 Jun 2007
Approval	27 May 2008
Last Review Mission	-
PDS Creation Date	16 Aug 2007
Last PDS Update	02 Mar 2015

## Grant 0108-TON

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
27 May 2008	11 Jul 2008	18 Aug 2008	30 Jun 2013	31 Dec 2013	03 Feb 2015

Financing Plan		Grant Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	14.22	Cumulative Contract Awards			
ADB	11.30	17 Jun 2022	11.26	0.00	100%

Counterpart	2.92	Cumulative Disbursements			
Cofinancing	0.00	17 Jun 2022	11.26	0.00	100%

Status of Covenants						
Category	Sector	Safeguards	Social	Financial	Economic	Others
Rating	Satisfactory	Satisfactory	-	Satisfactory	-	Satisfactory

Project Page	<a href="https://www.adb.org/projects/38160-032/main">https://www.adb.org/projects/38160-032/main</a>
Request for Information	<a href="http://www.adb.org/forms/request-information-form?subject=38160-032">http://www.adb.org/forms/request-information-form?subject=38160-032</a>
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