ADB ASIAN DEVELOPMENT BANK

Bangladesh: Dhaka Clean Fuel Project

Project Name	Dhaka Clean Fuel Project
Project Number	35466-013
Country	Bangladesh
Project Status	Closed
Project Type / Modality of Assistance	Loan
Source of Funding / Amount	**Loan 1942-BAN: Dhaka Clean Fuel Project** Asian Development Fund — US$ 42.40 million **Loan 1943-BAN: Dhaka Clean Fuel Project** Ordinary capital resources — US$ 30.20 million **Loan: Dhaka Clean Fuel Project** Nordic Development Fund — US$ 9.30 million
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth
Drivers of Change	
Sector / Subsector	**Energy** - Conventional energy generation
Gender Equity and Mainstreaming	Some gender elements
Description	The objectives of the Project are to (i) improve the ambient air quality in Dhaka; (ii) develop the use of domestic natural gas resources for the transport sector to substitute for imported liquid fuels, thereby improving the foreign exchange position of the country and (iii) establish a foundation for private sector participation in the future development of CNG-fueled transport. The Project has six components: Part A: Construction of a 60 km 20 inch natural gas transmission pipeline between Dhanua and Aminbazar, Savar ad two city gate stations (CGSs) at Ashulia and Savar. Part B: Construction of 97 km of 16 inch extended natural gas distribution pipelines in Dhaka. Part C: Establishment of 3 major compressed natural gas (CNG) filling stations just outside Dhaka, 3 major filling stations along the Dhaka-Chittagong highway for buses and trucks, and 20 minor filling stations in Dhaka for cars and auto rickshaws. Part D: Purchase of 300 CNG-fueled buses, 2000 CNG-fueled four-stroke auto rickshaws, and CNG conversion kits for 10,000 petrol cars owned by governmental, semi-governmental, as well as private owners. Pat E: Establishment of two new workshops for increasing the capacity of conversion of petrol-fueled cars to CNG fuel, repairs, maintenance as well as to act as referral workshops for those workshops to be established by the private sector. Part F: Capacity building in the following areas (i) technology development and training for the workshops; (ii) implementation of new safety codes, standards, and regulations related to conversion and the use of CNG equipment for the transport sector; (iii) public consultation and awareness campaign for public safety and benefits of using CNG; and (iv) environmental management.
Project Rationale and Linkage to Country/Regional Strategy	Technical Aspects, Policy Aspects, Institutional Aspects, Social Aspects, Financial Aspects, Economic Aspects, and Environmental Aspects.
Impact	

Project Outcome
Description of Outcome
Progress Toward Outcome

Implementation Progress	
Description of Project Outputs	
Status of Implementation Progress (Outputs, Activities, and Issues)	
Geographical Location	Dhanua, Aminbazar Ashulia, Savar, Dhaka, Sherpur, Netrokona, Jamalpur, Madhupur, Chatak, Sylhet

Safeguard Categories	
Environment	B
Involuntary Resettlement	
Indigenous Peoples	

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	GTCL: The first sevices required for Part A of the Project covers engineering design and the second part, the Consultant will supervise GTCL during the construction of the gas transmission pipelines and the city gate stations. RPGCL: The work generally covers agency capacity building of RPGCL and in implementation of security codes and standards for equipment in preparation for a broader introduction of CNG as a substitute fuel for the transport sector in the country. It comprises of the following segment areas: (i) implementation of safety codes; (ii) standards for conversion equipment and filling stations to be approved equipment; (iii) repair and maintenance standards and regulations related to conversion and the use of CNG equipment for the transport sector; and (iv) monitoring and supervision of resettlement and social issues. The consultants will be selected in accordance with ADB's Guidelines on the Use of Consultants expected to take place in March 2003.
Procurement	Procurement of pipes, regulating and meter stations, city gate stations, CNG conversion kits, 4-stroke three wheeled vehicles, CNG buses, CNG filling stations, workshops for conversion and maintenance with diagnostic equipment. Procurement will be made in accordance with the ADB's Guidelines for Procurement of ADB-financed packages.

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Responsible ADB Department	South Asia Department
Responsible ADB Division	Bangladesh Resident Mission
Executing Agencies	*Rupantarita Prakritik Gas Company Ltd.Mr. Shafiqur Rahmanrpgcl@bdcom.comPlot 27, Nikunja 2, Joar Shahara, Dhaka-1229* *Titas Gas Transmission & Distribution Co. Ltd.Mr. C.M.Faruquepmcftgas@dbn-bd.net"Tita Gas Bhaban", 105, Kazi Nazrul* *Islam Avenue, Kawran Bazar Commercial* *Area, Dhaka-1215, Bangladesh* *Gas Transmission Company Ltd.Mr. Sanwar Hossain Chowdhurygtcldcfp@sparkbd.netRed Crescent-Borak Tower (Level-4-6); 71-72, Old Elephant Road (Eskaton), Dhaka-1213, Bangladesh*

Timetable	
Concept Clearance	08 Mar 2002
Fact Finding	28 Jan 2002 to 31 Jan 2002
MRM	21 Jun 2002
Approval	26 Nov 2002
Last Review Mission	-
PDS Creation Date	01 Feb 2007

Last PDS Update	15 Jul 2010

Loan 1942-BAN

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
26 Nov 2002	03 Feb 2003	17 Dec 2003	30 Jun 2007	31 Dec 2009	21 Jun 2010

Financing Plan		Loan Utilization			
	Total (Amount in US$ million)	Date	ADB	Others	Net Percentage
Project Cost	51.70	Cumulative Contract Awards			
ADB	42.40	26 Nov 2002	15.81	0.00	100%
Counterpart	0.00	Cumulative Disbursements			
Cofinancing	9.30	26 Nov 2002	15.81	0.00	100%

Loan 1943-BAN

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
26 Nov 2002	03 Feb 2003	17 Dec 2003	30 Jun 2007	30 Jun 2008	14 Jun 2010

Financing Plan		Loan Utilization			
	Total (Amount in US$ million)	Date	ADB	Others	Net Percentage
Project Cost	30.20	Cumulative Contract Awards			
ADB	30.20	26 Nov 2002	29.98	0.00	100%
Counterpart	0.00	Cumulative Disbursements			
Cofinancing	0.00	26 Nov 2002	29.98	0.00	100%

Project Page	http://www.adb.org/projects/35466-013/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=35466-013
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