

BUS NETWORK IMPROVEMENT AND BUS RAPID TRANSIT

Country: GEORGIA City: TBILISI	Status: COMPLETED Application approved: 11 Jan 2016	Key Sector(s): URBAN TRANSPORT (BUS)
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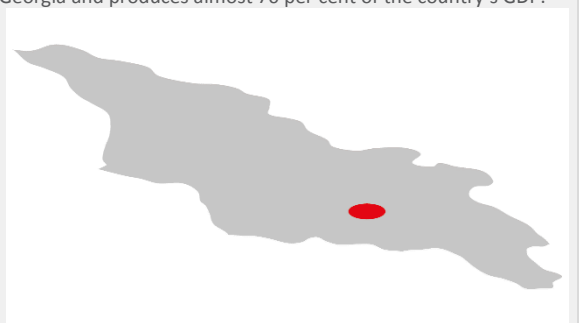
PROONENTS **Geography and Population**

Tbilisi Municipality City Hall Tbilisi Georgia	Mr. Mamuka Mumladze Head of Municipal Transport Department Phone: +995 32 237 81 26 Email: mamuka.mumladze@tbilisi.gov.ge	Area: 126 km ² Population: 1.2 million Tbilisi is the capital and the largest city of Georgia. It lies in the South Caucasus at the crossroads of Europe and Asia and is situated on the banks of the Mtkyari River. Tbilisi is the economic heart of Georgia and produces almost 70 per cent of the country's GDP.
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Central State Partner Ministry of Regional Development and Infrastructure of Georgia	Other Partners
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KEY CITY DEVELOPMENT ISSUES

Despite recent initiatives with regard to traffic management including passenger information systems, improved fare systems, upgrading of urban roads and the on-going expansion of the metro, road congestion has been worsening in Tbilisi, due to increased car ownership, the poor performance and quality of the bus network, the proliferation of minibuses and unregulated taxis and poor road safety conditions. This ultimately adversely impedes the economy, accessibility to job opportunities, and the living environment. Urban development in Tbilisi requires increased focus on public transport and non-motorized transport.



Intervention Areas Source of Maps: Wikipedia.org

DETAILS OF COOPERATION

- CDIA supported activities include:
- Restructuring and rationalizing the bus network to set bus routes tailored to the transport demand with adequate routing, bus route typology, bus fleet, passenger capacity and level of service in line with international best practices;
 - Integrating the bus network with other public transport modes including the metro and minibuses and the upgrading or creation of transfer hubs;
 - Developing solutions to improve the commercial speed of the bus network;
 - Identified a pilot surface transit corridor and prepared concept designs for the bus rapid transit (BRT) and tram/light rail options;
 - Performed an itemised comparison between the BRT and tram solutions on the selected corridor to enable sound decision making on the mode to be adopted;
 - Prepared a parking strategy for the city.



Present chaos at bus stops

EXPECTED DEVELOPMENTAL IMPACTS

- The project will directly benefit the poor, as it seeks to improve mobility conditions for all and particularly for the low-income population which are main users of public transport in Tbilisi.
- Increasing the efficiency of the public transport system will give better accessibility to job opportunities in the Tbilisi urban area.
- The restructured bus network and the pilot BRT corridor will improve the environment through the adoption of clean technologies and will save energy (per passenger-km) and thereby reduce carbon dioxide emissions.



Visualization of the future BRT

PROJECT PERIOD	Jul 2016 – May 2017	EXPECTED INVESTMENT FOLLOW UP	
CDIA SUPPORT	US\$ 500,000	Est. infrastructure investment value	tbc
CITY CONTRIBUTION	US\$ 45,000 (in kind)	Potential sources of financing	
		Asian Development Bank (ADB) - City Region Development Project II (SUTIP)	