

Final Report

The Ministry of Public Works and Communications

Guyana: Transport Sector Study

Volume IV: Technical Appendices

December 2005



Project financed by EDF

GOPA
WORLDWIDE CONSULTANTS



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Overview

The Final Report of the Guyana Transport Sector Study is composed of four parts:

Volume I: Executive Summary

Volume II: Main Report

Volume III: Administrative Appendices

Number	Title
I	Study Methodology
II	Itinerary
III	Consultation: Workshops, Organisations Consulted and People Met
	Workshops
	Steering Committee Meetings
	Prime Ministerial Meetings
	Presidential Meetings
IV	Documents Consulted
V	Curricula Vitae of Consultant Team
VI	Response to comments on the Draft Final Report

Volume IV: Technical Appendices

Number	Title
I	Logical Framework
II	Maps
III	Analysis of the Relevance of the Sector Policy
IV	Analysis of the Policy Options
V	Draft Policy Statement
VI	Terms of Reference
VII	Working Paper No. 30¹

¹ Some of the other Working Papers (Nos. 1-29) have been slightly updated since the Draft Final Report (mid October 2005) and are available as downloads on the **Study Website: guyanatransportstudy.com**

List of Working Papers**available as downloads on the Study Website: www.guyanatrtransportstudy.com**

- 1 Road Transport Infrastructure
- 2 Air Transport Infrastructure & Operations
- 3 Ports and River Transport Infrastructure & Operations
- 4 Socio-Economic Review
- 5 Economic Outlook
- 6 Review of Financial Data for Transport Sector
- 7 Report on Legal Issues
- 8 Institutional Review
- 9 Ferry Infrastructure and Operations
- 10 Road Transport Operations
- 11 Environmental and Social Issues
- 12 Rural Development Planning and Transport
- 13 Provisional Traffic Forecasts
- 14 Review of Minibus Services in Georgetown [Preparations for Special Study No. 1]
- 15 Shipping Analyses [Preparations for Special Study No. 2]
- 16 Population and Poverty Analyses [Preparations for Special Study No. 3]
- 17 Port Policy and Development Strategy
- 18 River Transport Policy and Development Strategy [Preparations for Special Study No. 2]
- 19 Urban Public Transport Development: [Preparations for Special Study No. 1]
- 20 Capacity Building in support of the Transport Sector Strategy
- 21 Ferry Transport Development: Special Study No. 4
- 22 Urban Transport Development: Special Study No. 1 ToR
- 23 River Transport Development: Special Study No. 2 ToR
- 24 Rural Transport Interventions: Special Study No. 3 ToR
- 25 Regional Development Planning for Transport
- 26 Road Network Development
- 27 Transport support to Tourism Industry
- 28 Implementation Programme
- 29 Air Transport development
- 30 Evolving Strategic National Focus and Economic Growth

Currency and Exchange Rates

The national currency is the Guyanese Dollar (Guy\$).

Official Exchange Rates (Guy\$ per US \$1.00)

2000	2001	2002	2003	2004	2005
182	187	191	194	198	195

Disclaimer

This report is financed by the European Development Fund and is presented by **GOPA Consultants** and **E & A Consultants** for the Government of Guyana and the European Commission. It does not necessarily reflect the opinion of the Government or the European Commission.

Acknowledgements



In compiling this Final Report the Study Team of Experts and project office staff have been assisted by many persons in Guyana and other countries. We would like to thank all these persons for kindly giving their time, efforts and support.

Whilst we cannot acknowledge all of these people

personally, we are pleased to acknowledge with thanks those whose thoughts, information, opinions and suggestions were given during professional interviews and Workshops.

Please visit our Project Website at www.guyanatransportstudy.com

List of Abbreviations

Abbreviation	Meaning
ACAAC	Association of Civil Aviation Authorities of the Caribbean
ACC	Area Control Centre
ACS	Association of Caribbean States
ADC	Aerodrome Control
AFIS	Aerodrome Flight Information Service
AIP	Aeronautical Information Publication
AIRAC	Aeronautical Information Regulation and Control
AIS	Aeronautical Information Service
ANS	Air Navigation Services
ANSP	Air Navigation Service Provider
AOAG	The Aircraft Owners Association of Guyana
APC	Approach Control
APP	Approach
ATC	Air Traffic Control
ATCC	Air Traffic Control Centre
ATCO	Air Traffic Control Officer
ATM	Air Traffic Management
AHWAES	The Art Williams/Harry Wendt Aeronautical Engineering School
BOT	Build Operate Transfer
CAA	Civil Aviation Authority
CAD	Civil Aviation Department
CARICOM	Caribbean Community
CDB	Caribbean Development Bank
CEO	Chief Executive Officer
CJIA	Cheddi Jagan International Airport
CJIAC	Cheddi Jagan International Airport Corporation
CNS	Communication, Navigation and Surveillance system
CSME	Caribbean Single Market and Economy
CIDA	Canadian International Development Agency
CTP	Community Transport Policy
CSME	Caricom Single Market and Economy
CTPU	Central Planning Transport Unit (at the MPW&C)
DCA	Department of Civil Aviation

Abbreviation	Meaning
EC	European Commission
ECAC	European Civil Aviation Conference
EIA	Environmental Impact Assessment
EIU	Economist Intelligence Unit
EU	European Union
EMP	Environmental Management Plan
EPA	Environmental Protection Agency
Eurocontrol	The European Organisation for the Safety of Air Navigation.
FAA	The Federal Aviation Administration (of the USA)
FCR	Fire, Crash and Rescue
FIR	Flight Information Region
FTAA	Free Trade Agreement of the Americas
GCAA	Guyana Civil Aviation Authority
GDF	Guyana Defence Force
GINA	Government Information Agency
GLSC	Guyana Land and Survey Commission
GNSS	Global Navigation Satellite System
GoG	Government of Guyana
GPS	Global Positioning System
GTL	General Transport Law
IADB	Inter-American Development Bank
ICAO	International Civil Aviation Organisation
IDB	Inter - American Development Bank
IIRSA	Integration of Regional Infrastructure in South America
IMC	Interim Management Committee
IMF	International Monetary Fund
ISO	International Organisation for Standardisation
MARAD	Maritime Affairs Department
MEDEVAC	Medical Evacuation
MGMP	Municipal Governance and Management Programme
MLG&RD	Ministry for Local Government and Regional Development
MPW&C	Ministry of Public Works and Communications
MTCT	Ministry of Transport, Communications and Tourism
NAO	National Authorizing Officer
NA or n.a.	Not available

Abbreviation	Meaning
NDC	Neighbourhood Democratic Council
NDS	National Development Strategy
NLRDP	National Long Range Development Scheme
OAI	Ogle Airport Inc.
OECS	Organisation of Eastern Caribbean States
OGV	Ocean Going Vessel
REPA	Regional Economic Partnership Agreement
PRSP	Poverty Reduction Strategy Paper
PPP	Public Private Partnership
PPSIP	Public Private Sector Infrastructure Programme
RASOS	Regional Aviation Safety Oversight System
REPA	Regional Economic Partnership Agreement?
RDC	Regional Democratic Councils
Rwy	Runway. Note that a runway is designated two digit numbers (e.g. 06/24) each of which when multiplied by ten gives the centre line bearings (from magnet north) for each direction of approach.
SAFA	The European (ECAC) Safety Assessment of Foreign Aircraft programme
SARPS	Standards and Recommended Practices (of ICAO)
TBI	Third Border Initiative (of FAA)
THD	Transport and Harbours Department
ToR	Terms of Reference
TSTI	Towards Sustainable Transport Infrastructure (a transport sector approach by the EC)
TWR	Aerodrome Control Tower
UNDP	United Nation Development Programme
VOC	Vehicle operating costs
VWD	Vehicle weights and dimensions
WP	Working Paper
WSG	Work Services Group (MPW&C)