



Design and Monitoring Framework

Project Number: 40173
June 2007

PNG: Preparing the Highlands Highway (Southern Highlands and Enga Provinces Network) Rehabilitation Project

A design and monitoring framework is an active document, progressively updated and revised as necessary, particularly following any changes in project design and implementation. In accordance with ADB's public communications policy (2005), it is disclosed before appraisal of the project or program. This draft framework may change during processing of the project or program, and the revised version will be disclosed as an appendix to the report and recommendation of the President.

Asian Development Bank

DESIGN AND MONITORING FRAMEWORK

Design Summary	Performance Targets/Indicators	Data Sources/Reporting Mechanisms	Assumptions and Risks
<p>Impact</p> <p>Improved road transport system integrating the Highlands Region into the mainstream economy</p>	<p>By 2010</p> <ul style="list-style-type: none"> • Reduced average travel time • Increased traffic volume as projected • Reduced vehicle operating costs • Increased rural income in project areas 	<ul style="list-style-type: none"> • Reports and records of PNG Department of Works (DOW) • Traffic counts and road user surveys • Project performance monitoring reports 	<p>Assumptions</p> <ul style="list-style-type: none"> • There is political stability. • There are more and better transport services after the Highlands Highway is rehabilitated. <p>Risk</p> <ul style="list-style-type: none"> • Ongoing maintenance and rehabilitation works on the Highlands Highway are not pursued due to lack of funding or implementation delays.
<p>Outcome</p> <p>Project design and feasibility study agreed upon by the Government and the Asian Development Bank</p>	<p>By 2008</p> <ul style="list-style-type: none"> • Memorandum of understanding signed by the Government and ADB during June 2008 Appraisal Mission 	<ul style="list-style-type: none"> • Memorandum of understanding 	<p>Assumptions</p> <ul style="list-style-type: none"> • Priorities of the Government's Medium Term Development Strategy (MTDS) do not change. • Government counterpart funding is sufficient.
<p>Outputs</p> <ol style="list-style-type: none"> 1. Technical assessments completed 2. Project design requirements accomplished 	<p>By 2008</p> <ul style="list-style-type: none"> • Draft final report submitted to Government and ADB 6 months after the start of consulting services 	<ul style="list-style-type: none"> • ADB document registration • Government document registration 	<p>Assumption</p> <ul style="list-style-type: none"> • Effective stakeholder participation and sense of ownership are developed. <p>Risks</p> <ul style="list-style-type: none"> • Access to proposed project sites is restricted. • Availability of and access to information and Government personnel are restricted.
<p>Activities with Milestones</p> <ol style="list-style-type: none"> 1.1 Submit an inception report 1 month after the start of consulting services. 1.2 Accomplish socioeconomic analysis, project economic analysis, poverty reduction and social strategy 3 months after the start of consulting services. 1.3 Complete the assessment of proposed road sections 3 months after the start of consulting services. 1.4 Accomplish cost estimates and financial plan 3 months after the start of consulting services. 1.5 Complete environmental assessment 4 months after the start of consulting services. 1.6 Submit a report on public consultation 3 months after the start of consulting services. 2.1 Submit an interim report 3 months after the start of consulting services. 2.2 Complete technical site investigations, technical feasibility study, and preliminary design including contract packages, procurement plan, and implementation schedule 5 months after the start of consulting services 2.3 Submit the draft final report 6 months after the start of consulting services, and the final report 1 month after receiving comments from the Government and ADB 			<p>Inputs</p> <ul style="list-style-type: none"> • ADB: 15 person-months of international consulting services, amounting to not more than \$500,000 • Government: \$185,000 contribution (transport, office accommodation, local counterpart staff); all relevant reports made available as needed