

# Vanuatu - HDM-4 Analysis of the Efate Ring Road and the Santo East Coast Road 2008-2010

**Greg Morosiuk, Senior Technical Manager**

Report generated on: September 27, 2021

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## Overview

### Identification

#### ID NUMBER

VUT\_2008\_MCC-HDM\_v01\_M

### Version

#### VERSION DESCRIPTION

Anonymized dataset for public distribution

## Overview

#### ABSTRACT

The Millennium Challenge Corporation (MCC) provided funds for the upgrade of two roads in Vanuatu. These were the Efate Ring Road and the Santo East Coast Road. Both these roads were unpaved (coral) roads and were sealed with a double surface dressing in 2009/10. The length of road sealed in Efate was 92.5 km and 57.2 km in Santo. An HDM-4 analysis was conducted to examine:

- i) The economic viability of upgrading the two roads
- ii) The future performance of the roads

#### KIND OF DATA

Observation data/ratings [obs]

#### TOPICS

Topic	Vocabulary	URI
Road		
Rehabilitation		
Infrastructure		
HDM-4		

## Coverage

#### GEOGRAPHIC COVERAGE

The islands of Efate and Espiritu Santo

## Producers and Sponsors

#### PRIMARY INVESTIGATOR(S)

Name	Affiliation
Greg Morosiuk, Senior Technical Manager	Transport Research Laboratory

#### FUNDING

Name	Abbreviation	Role
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Millennium Challenge Corporation	MCC	
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## Metadata Production

### METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Millennium Challenge Corporation	MCC		Metadata Producer

### DATE OF METADATA PRODUCTION

2014-07-28

### DDI DOCUMENT VERSION

Version 1.0

Version 2.0 (May 2015). Edited version based on Version 01 (DDI-MCC-VUT-HDM4-IND-2011-v01) that was done by Millennium Challenge Corporation.

### DDI DOCUMENT ID

DDI\_VUT\_2008\_MCC-HDM\_v01\_M

## Sampling

### **Sampling Procedure**

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In HDM-4 it is necessary to describe the characteristics of the vehicle fleet operating on the roads under investigation. The characteristics of the 7 vehicle types identified in the traffic surveys were estimated following discussions with the Public Works Department (PWD).

## Questionnaires

No content available

## Data Collection

### Data Collection Dates

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Start	End	Cycle
2008-05	2008-08	Baseline
2010	2010	Follow-up

### Data Collectors

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Name	Abbreviation	Affiliation
Public Works Department of Vanuatu (baseline)		
Millennium Challenge Account-Vanuatu (follow-up)		

## Data Processing

No content available

## Data Appraisal

No content available



## **File Description**

## Variable List



# Documentation

## Questionnaires

### Traffic Survey Form

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Title Traffic Survey Form  
Country Vanuatu  
Language English  
Filename Traffic Survey Form.xls

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### Traffic Count Sheet

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Title Traffic Count Sheet  
Country Vanuatu  
Language English  
Filename Traffic count sheet.xls

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## Reports

### HDM-4 Analysis of the Efate Ring Road and the Santo East Coast Road

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Title HDM-4 Analysis of the Efate Ring Road and the Santo East Coast Road  
Author(s) Greg Morosiuk  
Date 2011-03-01  
Country Vanuatu  
Language English  
Filename HDM-4 Analysis of the Efate Ring Road and the Santo East Coast Road.pdf

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