



Makgadikgadi Framework Management Plan

Volume two
October 2010



Republic of Botswana



Report details

This report is volume two of the Makgadikgadi Framework Management Plan prepared for the government by the Department of Environmental Affairs, Ministry of Environment, Wildlife and Tourism in partnership with the Centre for Applied Research.

Volume one is the main plan for the Makgadikgadi area. Volume two contains component and specialist reports prepared during 2009/2010.

Volume 2 has been compiled and edited by Jaap Arntzen, Peter Ruthenberg and Tshepo Setlhogile. Details of the authorship of individual chapters are provided at the beginning of each chapter.

Citation:

Centre for Applied Research and Department of Environmental Affairs, 2010. The Makgadikgadi Framework Management Plan. Volume 2. Technical reports. Government of Botswana, Gaborone.

1 Introduction

This report is volume 2 of the Makgadikgadi Framework Management Plan. The main plan is contained in volume 1. The purpose of volume 2 is to provide more technical information on different aspects of the Makgadikgadi wetlands for policy makers, planners, local stakeholders and scientists.

The overall objective of the Makgadikgadi Framework Management Plan (MFMP) was to provide a starting point for implementation of activities after one year and recommendations for further work under the Makgadikgadi Integrated Management Plan (MIMP). The MIMP implementation will take several years and will require further financial resources. These resources will be made available by government if the MFMP process provides sufficient justification for the need of a comprehensive MIMP beyond the MFMP. The overall aim of the MIMP (and MFMP) is: *“to improve people’s livelihoods through wise use of the wetland’s natural resources”*.

In order to ensure rapid results and continuity, the following priority components were addressed during the MFMP phase (November 2009 – October 2010); the other components will be addressed during the MIMP preparation after November 2010:

- Ecology and hydrogeology;
- Wildlife resources;
- Livelihood assessment;
- Resource use and economic valuation;
- Tourism and heritage development;
- Policy environment assessment;
- Scenario development and analysis; and
- Land use assessment and evaluation.

This report contains technical chapters for six of above components as well as technical reports on selected topics. The results have been analysed and synthesised in volume 1. The technical and specialist reports in this volume 2 contain recommendations and proposals that have been used for the analysis and discussions for the main plan (volume 1). Not all recommendations were accommodated in the main plan. At the moment, only the activities in chapters 10 and 11 are recommended for implementation under the MFMP and MIMP.

The chapters in volume 2 can be read separately and only limited editing and lay out adjustments have been made in the submissions by the authors. The structure of volume 2 is as follows:

Part 1: component reports

2. Resource valuation
3. Tourism and heritage development
4. Ecology and hydrogeology
5. Wildlife
6. Policy environment
7. Land use

Part 2: Specialised reports

8. Hydrogeology
9. Archaeology and heritage assessment
10. Tourism management models
11. Range ecology