

Reducing Rural Poverty through Increased Access to Energy Services

A Review of the Multifunctional Platform Project in Mali



The views expressed in this report are entirely those of the authors and do not

necessarily represent those of the member countries of the UNDP Executive Board or of

those institutions of the United Nations system that are mentioned herein.

The designations and terminology employed and the presentation of material do not imply

any expression of opinion whatsoever on the part of the United Nations concerning the

legal status of any country, territory, city or area, or its authorities, or of its frontiers of

boundaries.

Copyright © 2004 **United Nations Development Programme** UNDP Mali office, BP 120, Bamako, Mali www.ml.undp.org

All rights reserved.

First printing in April 2004

Photo credits: All photos in the cover and in the report are by Laurent Coche, UNDP Dakar





United Nations Development Programme

Reducing Rural Poverty through Increased Access to Energy Services

A Review of the Multifunctional Platform Project in Mali



Abeeku Brew-Hammond & Anna Crole-Rees

CONTENTS

Foreword	5
Acknowledgements	6
Acronyms	7
Overview	9
1. INTRODUCTION	17
1.1 What is the Multifunctional Platform?1.2 Objectives of the Review1.3 Methodology1.4 Structure of the Report	18 18 18 18
2. OVERVIEW OF PLATFORM INITIATIVES	19
2.1 Origins of the Multifunctional Platform Concept2.2 Platform Initiatives in Mali2.3 Initiatives at Sub-Regional Level	20 20 21
3. ACHIEVMENTS TO DATE	23
 3.1 The Multifunctional Platform Concept 3.2 The Conceptual Framework 3.3 Impacts and Benefits 3.4 Implementation Methodologies and Strategies 3.5 Opportunities for Biomass-Derived Fuels 3.6 Lessons Learned and Challenges 	24 26 26 39 45
4. STRATEGIES FOR FUTURE INITIATIVES IN AFRICA	51
4.1 Development Challenge4.2 Potential Contribution of the Multifunctional Platform Concept4.3 Key Issues for the Expanded Regional Project	52 53 55
5. CONCLUSION	59
References	61
APPENDIX A. CASE STUDIES OF THREE MULTIFUNCTIONAL PLATFORM VILLAGES	65
APPENDIX B. POVERTY INDICATORS AND STRATEGIC RESPONSES IN AFRICA	75
Note on Authors	80

Foreword

In working with the government of Mali on the multifunctional platform, UNDP has sought to promote an integrated, multidimensional approach to reducing rural poverty. Rural women who benefited from the platforms experienced a significant reduction in the burden associated with typical household tasks as well as savings in the time devoted to these activities, which have allowed them to engage in income-generating opportunities and improve their overall socio-economic position. In addition to these direct impacts on women, the impact study undertaken in 2001 showed that the multifunctional platforms also lead to improvements in water quality (which is no longer drawn from wells); the delivery of services by local health facilities; school attendance by girls; and job creation for rural blacksmiths, carpenters, and mechanics, all of which contribute to reducing poverty in rural areas.

Although it is not a solution to all problems, the multifunctional platform is a viable solution to reducing rural energy poverty given that the electricity grid is not expected to reach most rural communities within the next twenty years. While the Mali programme will require further support to improve the current approach and to ensure its sustainability, the demonstrated impacts of the multifunctional platform approach on poverty reduction and sustainable development have encouraged other countries in the West African region to want to develop similar programmes. Delegations from several countries (Burkina Faso, Burundi, Côte d'Ivoire, Ghana, Guinea, Senegal, and Togo) have visited Mali to learn from the multifunctional platform experience.

A regional programme is being initiated based on the Mali multifunctional platform approach to support the achievement of the Millennium Development Goals by 2015 in several sub-Saharan Africa countries. This assessment report provides a timely opportunity to consider improvements in the current approach and provide constructive inputs for the regional programme.

Together, I hope we can work to overcome the challenges of rural energy poverty.

Jocelline Bazile-Finley Resident Representantive UNDP – Bamako, Mali

Acknowledgements

This publication would not have been possible without valuable contributions and suggestions from many individuals and organisations. First, UNDP is highly grateful to the Ministry of Industry, Trade, and Transport of the Government of Mali and, in particular, to Emma Niang Kourouma and Yaya Sidibé whose dedication has made the multifunctional platform project a success in Mali.

UNDP would like to express sincere gratitude to the authors of the report, Abeeku Brew-Hammond and Anna Crole-Rees, for their tireless efforts to gather often-scattered data and for the excellent analytical work presented in the report. We are also thankful to Nalini Burn for her insight and guidance both during field studies and in the report drafting stage. Their contributions have informed the efforts of UNDP on this multifunctional platform project as well as on broader development topics linking poverty, gender, and energy.

The discussions in the report benefited significantly from an expert meeting held in Bamako, Mali, in December 2001 to review the draft report. UNDP is highly grateful to the participants in the meeting. We would particularly like to thank Youba Sokona, who shared his ideas and observations with us, and Alain Nickels and Georgios Anestis from UNIDO for their advice and co-sponsoring the meeting. Rosemarie Philips' contribution to the final text editing was greatly appreciated. We are highly appreciative to Communicances, Inc., for designing the report and its distinctive layout.

Special thanks are also due to Laurent Coche for his leadership in managing the entire review process, including co-ordination of the field studies from which this report emanated. Minoru Takada provided excellent guidance in the conceptual design of the field studies and substantive comments that shaped the contents of the report. UNDP would also like to thank lnes Havet for her contributions during the editorial and review process.

We are deeply indebted to Kalfa Sanogo who, as UNDP focal point for the multifunctional platform project in Mali, provided full support for the production of this report. Encouragement from Giuseppina Mazza, former UNDP Deputy Resident Representative in Mali, was also much appreciated. The entire efforts were coordinated under the overall supervision of Jocelline Bazile-Finley, UNDP Resident Representative in Mali, whose constant support was essential for completing this report.



Acronyms

ADEME Agence de l'Environnement et de la Maîtrise de l'Energie

CAC Cellule Appui Conseil

CERP Centre d'Expansion Rurale Polyvalent

CNC Cellule Nationale de Coordination / National Coordination

CNESOLER Centre Nationale de l'Energie Solaire et l'Energie Renouvelable

CP Centre Pilote de Conakry / Pilot Technical Center in Conakry

EDF-ACCESS Electricité de France - Programme ACCESS

FCFA Franc Communauté Francophone d'Afrique

GNP Gross National Product

HDI Human Development Index

hp Horsepower

IFAD International Fund for Agricultural Development

Kg Kilogram

PAIB Programme d'Appui aux Initiatives de Base pour la Lutte Contre la Pauvreté

PCSD Programme Cadre du Secteur Privé

PPP Purchasing Power Parity

RMS Results Management System

RBM Results Based Management System

UNDP United Nations Development Programme

UNIDO United Nations Industrial Development Organisation



预览已结束, 完整报告链接和二维码如下:

https://www.yunbaogao.cn/report/index/report?reportId=5 13402

