

SOCIO-ECONOMIC IMPACT OF BIOGAS PLANT

(A Case Study of Lele VDC, Lalitpur District, Nepal)

**A Thesis Submitted to the
Central Department of Rural Development
Tribhuvan University, Kirtipur
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In the partial fulfillment of the Requirement for the Degree of
Master of Arts
in Rural Development**

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LETTER OF RECOMMENDATION

This thesis entitled "**Socio-Economic Impact of Biogas Plant (A Case Study of Lele VDC, Lalitpur District, Nepal)**" has been prepared by **Nabin Kishor Adhikari** under my supervision. I hereby recommend this thesis for evaluation by thesis committee as a partial fulfillment of the requirement for the degree of Master of Arts in Rural Development.

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APPROVAL CERTIFICATE

This is to certify that the thesis entitled **Socio- Economic impact of Biogas Plant (A case Study of Lele VDC, Lalitpur District, Nepal)** written and submitted by **Nabin Kishor Adhikari** has been examined. It has been declared successful for the fulfillment of the academic requirements toward the completion the Degree of Master of Arts in Rural Development.

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TABLE OF CONTENTS

Recommendation

Approval Sheet

Acknowledgements

Abstract

Table of Contents

List of Figures

List of Abbreviations /Acronyms

CHAPTER – ONE: INTRODUCTION	1
1.1 Background of the Study	1
1.1.1 Introduction to Biogas	3
1.1.2 Uses and Benefits of Biogas plant Installation:	4
1.1.3 The History of Biogas in world and Nepalese Context	5
1.2 Statements of the Problem	7
1.3 Objectives of the Study	9
1.4 Significance of the Study	9
1.5 Limitations of the Study	10
1.6 Organization of the Study	11
CHAPTER-TWO:LITERATURE REVIEW	13
2.1 Conceptual Review	13
2.2 Review of Literature: Sharing Experiences	15
2.3 Policy of Government Relating to Biogas	19
2.4 Energy Situation in Nepal	20
2.5 Institutions Related to Biogas Promotion	21
CHAPTER-THREE: RESEARCH METHODOLOGY	25
3.1 Research Design	25
3.2 The Universe and Sample	25

3.3 Nature and Sources of Data	26
3.4 Techniques and Tools of Data Collection	27
3.5 Analysis of Data and Interpretation	29
CHAPTER-FOUR : SOCIO-ECONOMIC STATUS OF PLANT OWNERS	30
4.1 Socio-Economic Characteristics of the Biogas Plant Owners	30
4.1.1 Family size	30
4.1.2 Caste/Ethnicity	31
4.1.3 Occupation	32
4.1.4 Educational Status	33
4.1.5 Landholding	34
4.2 Installation and Uses of Biogas Plant	35
4.2.1 Size of Biogas Plant	35
4.2.2 Sources of Information	37
4.2.3 Reasons for the Biogas Plant Installation	38
4.2.4 Construction Company	38
4.2.5 Toilet Attached with Biogas Plant	39
4.2.6 Livestock	40
4.2.7 Total Dung Production	42
4.2.8 Dung Feeding per Day	43
4.2.9 Ratio of Mixing	43
4.2.10 Uses of Biogas	44
4.3 Social Impacts of Biogas Installation	45
4.3.1 Raising in Social Status	45
4.3.2 Benefited by the Biogas Plant	45
4.3.3 Time Saved and Reduction in Workload	47
4.3.4 Utilization of Time Saved	47
4.3.5 The Source of Firewood Collection Before Installation of Biogas Plant	48
4.3.6 Easy Cooking	49
4.3.7 Health and Sanitation	49

4.4 Economic Impact of Installation of Biogas plant	52
4.4.1. Saving of Money on Energy	53
4.4.2 Saving of Money on Health Treatment	53
4.4.3 Slurry and Agriculture	54
4.4.4 Environmental Impacts	58
4.4.5 Perception of Respondents on Utility of Biogas Plant	59
4.4.6 Opinion on the Overall Energy, Environment and Economic Condition	60
4.4.7 Problems of Biogas Users	60
4.4.8 User's Perception and Suggestions	62
CHAPTER –V:MAJOR FINDINGS, CONCLUSIONS AND RECOMMENDATIONS	64
5.1 Major Finding	64
5.2 Conclusion	66
5.3 Recommendations	67
REFERENCES	
APPENDIX	

LIST OF TABLES

Table No.	Title	Page
4.1	Distribution of Households by Family Size	30
4.2	Distribution of Caste/Ethnicity	31
4.3	Distribution of Respondents by Occupation	32
4.4	Distribution by Educational Status	34
4.5	Distribution by Landholding	35
4.6	Distribution of Biogas plant by Size	36
4.7	Distribution by Sources of Information	37
4.8	Reasons for Biogas plant Installation	38
4.9	Distribution by Construction Companies	39
4.10	Toilet Attached With Biogas Plant	39
4.11	Livestock Population	41
4.12	Dung Production	42
4.13	Dung Feeding per Day	43
4.14	Ratio of Mixing	44
4.15	Raising in Social Status	45
4.16	Benefited by the Biogas plant	46

4.17	Saving on Time and Reduction in Workload	47
4.18	Utilization of Time Saved	48
4.19	Sources of Firewood Collection	49
4.20	Change Found in Surrounding	50
4.21	Feeling on the Menace of Flies or Mosquito	51
4.22	Reduction in Disease	52
4.23	Average Saving of Money on Energy	53
4.24	Money spent on Health Treatment	54
4.25	Methods of using Bio Slurry	55
4.26	Slurry and Production Increment	57
4.27	Perceptions of Respondents	59
4.28	Overall Energy, Environment and Economic Condition	60

LIST OF ABBREVIATIONS/ACRONYMS

ADB/N	Agriculture Development Bank/Nepal
AEPC	Alternative Energy Promotion Center
BSP	Biogas Support Program
BSP/N	Biogas Sector Partnership Nepal
DDC	District Development Committee
FY	Fiscal Year
GDP	Gross Development
GJ	Giga Jull
GGC	Gobar Gas Compamy
HH _s	Households
Hrs	Hours
ICIMOD	International Center for Integrated Mountain Development
ICS	Improve Cooking Stoves
INGOs	International Non-Governmental Organization
Kgs	Kilograms
Km	Kilometer
LPG	Liquefied Petroleum Group
MA	Master of Arts
NBPG	Nepal Biogas Promotion Group
NO	Number
RETs	Renewable Energy Technology
Rs	Rupees
TU	Tribhuvan University
VDC	Village Development Committee
WB	World Bank
WDR	World Development Report
WECS	Water and Energy Commission Secretariat

LIST OF FIGURES

		Page No.
Figure 1:	Distribution of Caste/Ethnicity	32
Figure 2:	Distribution of Respondents by Occupation	33
Figure 3:	Distribution of Biogas Plant by Size	36
Figure 4:	Distribution by Sources of Information	37
Figure 5:	Distribution of Livestock population	41
Figure 6:	Ratio of Mixing	44
Figure 7:	Benefited by the Biogas plant	46
Figure 8:	Slurry and production Increment	57