Copyright is owned by the Author of the thesis. Permission is given for a copy to be downloaded by an individual for the purpose of research and private study only. The thesis may not be reproduced elsewhere without the permission of the Author.

THE EFFECTS OF PUBLIC PRIVATE PARTNERSHIPS ON SMALLHOLDER COCOA FARMERS' LIVELIHOODS IN INDONESIA

A thesis presented in partial fulfillment of the requirements for the degree of

Master of International Development

at Massey University, Manawatu New Zealand

Yurika A. Permanasari

Abstract

Public private partnerships (PPPs) have emerged as a development strategy in various sectors in several developed countries since the late 1970s. In the Indonesian context, however, PPPs in the agriculture sector are relatively new. This thesis explores claims that PPPs can be a potential development approach to address rural poverty and improve livelihoods of smallholder farmers. By utilising the Sustainable Livelihood Approach, this thesis investigates various PPP ideas and practices in the Indonesian agricultural sector and explores the extent to which a PPP implementation has affected smallholder farmers' livelihoods and what it means for them. This study is driven by the idea that the nature of a PPP involves a complex and dynamic relationship that encompasses diverse interests and resources.

A content analysis of four different PPP project reports and one case study, the PPP within the Rural Empowerment and Agricultural Development (READ-PPP) project in Indonesia, found that PPPs are quite diverse in the agriculture sector and particularly in the cocoa sector. Having used qualitative research methods, involving semi-structured interviews with twelve smallholder cocoa farmers and eight informants from relevant institutions, this study shows that the READ-PPP has had varying impacts on farmers' livelihoods.

Most farmers felt improvements in their capacity, cocoa productivity, income, and they made behaviour changes as a result of the programme. This study also reveals that the farmers did not equally experience the benefits of the programme. The three key challenges that affected the farmers' experiences of the programme included: a lack of company support as a service provider, a lack of sustainability of outcomes, and the individual farmers' level of resources. Analysis of the results also found that farmers who were geographically close to company operations had better outcomes than farmers in other areas, which showed that the company involved in the PPP has a particular interest to pursue its company's benefits. In this respect, this thesis concludes that the effects of PPPs in addressing rural poverty and improving smallholder cocoa farmers' livelihoods have been inequitable.

Acknowledgements

To the New Zealand Ministry of Foreign Affairs and Trade, the Massey University School of People, Environment and Planning, and the Massey University International Student Support Office team, I will be forever thankful for this invaluable opportunity.

To the lecturers and my fellow students at the Massey University Institute of Development Studies, I sincerely thank you for all your support and friendship. I am most grateful to be a part of the IDS community.

A heartfelt thank you to my supervisors, Dr. Maria Borovnik and Dr. Helen Leslie, for your enthusiastic support, expert guidance and strong motivation. To Maria, *danke schön* for your kindness and trust in me.

To the twenty respondents who participated in this study: your warmth, humble nature, and enthusiasm are inspiring. Thank you so much for sharing your time and stories with me.

To my family, thank you for your unfailing prayers and encouragement. To my beloved husband, Rhendy, my gratitude for you is indescribable. Thank you for your support and deep understanding.

Finally, I dedicate this research to every smallholder cocoa farmer in the world, particularly in Indonesia, thank you for giving a taste of sweetness in this life!

Table of Contents

Abst	tract	iii
Ack	nowledgements	v
Tab	le of Contents	vii
List	of Figures	x
List	of Tables	x
Abb	previations	xi
1.	INTRODUCTION	1
1.1.	Introduction	1
1.2.	Research Overview	1
1.3.	Research Aim, Questions and Objectives	3
1.4.	The Cocoa Sector and Smallholder Farmers' Livelihoods in Indonesia	3
1.5.	Structure of the Thesis	6
2.	UNDERSTANDING PUBLIC PRIVATE PARTNERSHIPS (PPPS) AGRICULTURAL DEVELOPMENT COOPERATION	IN 9
2.1.	Introduction	9
2.2.	The Background and Trends of PPPs	9
2.3.	Agriculture-driven Development	12
2.4.	Private Sector Engagement in Agricultural Development	14
2.5.	The Concept and Typology of Agricultural PPPs	15
2.6.	Concerns related to PPPs in Development	21
2.7.	Chapter Conclusion	25
3.	RURAL POVERTY AND SUSTAINABLE LIVELIHOODS	27
3.1.	Introduction	27
3.2.	The Intersection between Rural Poverty, Economic Growth, Smallholder Farmers and Agricultural Productivity	28
3.3.	A Livelihoods Perspective in Development	
3.4.	Defining Sustainable Livelihoods	
3.5.	Sustainable Livelihood Approach (SLA): A Holistic Approach to Developm	

3.6.	Sustainable Livelihood Approach (SLA): People-Centred Development	34
3.7.	The Sustainable Livelihood Framework (SLF): A Tool of the SLA	34
3.8.	Values and Concerns about the Sustainable Livelihood Approach	36
3.9.	Chapter Conclusion.	38
4.	METHODOLOGY	41
4.1.	Introduction	41
4.2.	Qualitative Research Methodology	41
4.3.	A Case Study Approach	42
4.4.	Data Collection Methods and Tools	43
4.5.	Undertaking Fieldwork	47
4.6.	Ethical Considerations	53
4.7.	Reflections on Positionality	55
4.8.	Limitations	56
4.9.	Data Analysis	57
4.10.	Chapter Conclusion	57
5.	AGRICULTURAL DEVELOPMENT AND PUBLIC PRIVATE PARTNERSHIPS IN THE COCOA SECTOR IN INDONESIA	59
5.1.	Introduction	59
5.2.	Recent Development in Poverty Reduction Strategies	59
5.3.	Outlook on the Indonesian Agricultural Sector	61
5.4.	Public and Private Investments in the Agricultural Sector	63
5.5.	PPPs in the Indonesian Agricultural Sector	64
5.6.	PPPs in the Indonesian Cocoa Sector	67
5.7.	Indonesian Policy on PPP in the Agricultural Sector	75
5.8.	Introduction to READ-PPP Programme in Sulawesi Tengah, Indonesia	77
5.9.	Chapter Conclusion	81
6.	THE EFFECTS OF THE PPP-READ PROGRAMME ON SMALLHOLDER COCOA FARMERS' LIVELIHOODS	84
6.1.	Introduction	84
6.2.	Improved Farmers' Capacity	84
6.3.	Increased Production and Productivity	93
6.4.	Increased Income, Land Size and Household Assets	95
6.5.	Challenges of the READ-PPP Programme Experienced by Farmers	98
6.6.	Chapter Conclusion	104

7.	DISCUSSION AND CONCLUSION	106
7.1.	Introduction	106
7.2.	Discussion of Key Question 1: What are the concepts and practices of Indonesian PPPs that focus on smallholder cocoa farmers?	107
7.3.	Discussion of Key Question 2: How has the READ-PPP programme in Sulawesi Tengah, Indonesia affected smallholder cocoa farmers' livelihoods?	109
7.4.	Implications of Findings	.114
7.5.	Suggestion for Further Research	.115
7.6.	Conclusion	.115
Refe	erences	117
App	endices	128
Арр	endix 1: Interview Guides with Farmers	128
App	endix 2: Interview Guides with Key Informants	.132
App	endix 3: MUHEC Approval	.133

List of Figures

Figure 1.1 Top five cocoa production areas in Sulawesi Tengah, Indonesia	5
Figure 3.1 The DFID Sustainable Livelihood Framework	
Figure 4.1 Study sites: Jakarta and Sulawesi Tengah province	
Figure 4.2 Sidole, Sibalago, and Olobaru in Sulawesi Tengah province	
Figure 5.1 Number of Poor People in Urban and Rural Areas of Indonesia between 20	
2015	
Figure 5.2 The READ-PPP Scheme.	79
Figure 6.1 Average farm with average cocoa productivity.	88
Figure 6.2 WOW Farm with optimum cocoa productivity.	88
Figure 6.3 High-quality cocoa pods.	
Figure 6.4 Fresh cocoa beans	88
List of Tables	
	4.0
Table 2.1 Definitions of agricultural PPPs	
Table 2.2 Various Typologies of PPPs in the Agricultural Sector	
Table 4.1 Key Informant Profiles	
Table 4.2 Cocoa Farmer Profiles	52
Table 5.1 PPP Initiatives in the Cocoa Sector in Indonesia	
Table 5.2 Development Outcomes of PPP Initiatives in the Cocoa Sector in Indonesia	
Table 6.1 Profile of READ Cocoa Farmer Groups	
J J	

Abbreviations

AFC Asian Financial Crisis

ASKA Agribusiness Market and Support Activity Sulawesi Kakao Alliance

BDS Business Development Services
CDC Cocoa Development Centre

CNM Cocoa National Movement/Gerakan Nasional (GERNAS) Kakao

CSO Civil Society Organisation

CVC Cocoa Village Centre/Cocoa Village Clinic

DFID Department for International Development

DMU District Management UnitFDI Foreign Direct Investment

GRDP Gross Regional Domestic ProductHDR Human Development ReportICCO International Cocoa Organization

ICCRI Indonesian Coffee and Cocoa Research CentreIFAD International Fund for Agricultural Development

IRD Integrated Rural Development
 ITT Innovation and Technology Transfer
 MOA Indonesian Ministry of Agriculture

MI Market Infrastructure

MPI Multidimensional Poverty IndexNGO Non-Governmental Organisation

NSU National Supporting Unit

OECD Organisation for Economic Cooperation and Development

PFU Provincial Facilitator Unit

PISAGRO Partnership for Indonesia's Sustainable Agriculture

PPP Public Private Partnership

READ Rural Empowerment and Agricultural Development

SECO Swiss State Secretariat for Economic Affairs

SAPs Structural Adjustment Programmes

SCI Sustainable Cocoa InitiativeSDGs Sustainable Development Goals

SCPP Sustainable Cocoa Production Programme

SLA Sustainable Livelihood ApproachSLF Sustainable Livelihood Framework

UNCED United Nations Conference on Environment and Development

UNDP United Nations Development Programme

USAID United States Agency for International Development

VCD Value Chain Development

VfM Value for Money

WCED World Commission on Environment and Development

WEF World Economic Forum