PUBLIC EXPENDITURE MANAGEMENT REFORM IN INDONESIA: AN ASSESSMENT OF THE ROLES OF THE TREASURY AND OTHER INSTITUTIONS

Noor Faisal Achmad

B.Sc. (The University of North Sumatra) 1998, M.Sc. (Birmingham University) 2002

Thesis submitted in fulfilment of the requirements for the Degree of Doctor of Philosophy

School of Social Policy Studies
Faculty of Social and Behavioural Sciences
Flinders University

January 2012

TABLE OF CONTENTS

List of	f Tables	vii	
List of	Figures	viii	
Abstra	ıct	X	
Declaration of Originality xi			
	owledgement	xii	
	ary of Acronyms	xiii	
СПЛІ	PTER 1: INTRODUCTION	1	
		1	
1.1.	Background of the study	1	
1.2.	Statement of the problem.	6	
1.3.	Objectives of the study and research questions	8	
1.4.	Methodology	10	
1.5.	Significance of the study and its contribution to public policy and management	10	
1.6.	Scope and limitations of the study	12	
1.7.	The structure of the thesis.	12	
_	PTER 2: PUBLIC EXPENDITURE MANAGEMENT AND THE	1.4	
TREA	ASURY: CONCEPTUAL FRAMEWORK	14	
2.1.	Introduction	14	
2.2.	Public Expenditure Management	15	
2.3.	Key Stages of PEM	19	
2.3.1.	Authority to spend	20	
2.3.2.	Commitment	20	
2.3.3.	Verification	21	
2.3.4.	Payment authorization or payment order	22	
2.3.5.	Payment Payment Organism Organ	22	
2.3.6.	Cash planning and management	23	
2.3.7.	Accounting	25	
2.4.	Key Actors, Roles and Relations in PEM	27	
2.4.1.		27	
2.4.1.	Finance Ministry.	28	
2.4.2.	Line Ministries or Agencies		
	The Central Bank	30	
2.4.4.	Relationships between key institutions, the balance of power and the mechanisms of control	31	
2.5.	Approaches to PEM and Contemporary Reforms	35	
2.5.1.	Performance-based budgeting	36	
2.5.1.	Treasury Single Account	37	
2.5.2.	·	38	
2.5.4.	Accrual Accounting		
	Other PEM Approaches	39 40	
2.5.5. Shift from traditional to contemporary approaches			
/ 11	AHHHHALV	 1	

TREA	PTER 3: PUBLIC EXPENDITURE MANAGEMENT AND THE ASURY'S ROLE IN INDONESIA: WEAKNESSES AND DRMS
3.1.	Introduction
3.2.	Public Expenditure Management (1945-2003)
3.2.1.	The Roles of Institutions
3.2.2.	Public Expenditure Management System
3.2.3.	Major Weaknesses
3.3.	Public Expenditure Management Reform
3.3.1.	Decoupling between Finance Minister as Chief Finance Officer and
	line ministers as Chief Operational Officers
3.3.2.	Decoupling between political accountability, operational
	accountability, and fiduciary accountability
3.3.3.	Applying several approaches to the PEM
	Performance-based budgeting
	Treasury Single Account
3.4.	Summary
3.4.	Summary
CHAI	PTER 4: RESEARCH DESIGN AND METHODOLOGY
4.1.	Introduction
4.2.	Evaluation Research.
4.3.	Identification of the Data Sources.
4.4.	Selection of Methods: Combination of Qualitative and Quantitative Methods
4.5.	Selection of the Participants and the Locations
4.6.	Research Techniques
4.6.1.	Interviews
4.6.2.	Questionnaire surveys
4.6.3.	Documentary evidence
4.6.4.	Focus Group Discussions.
4.6.5.	Observations
4.7.	Data Collection, Coding Framework and Analysis
4.8.	Ethical Issues
4.9.	Summary
CHAI	PTER 5: DOES THE PROCESS OF PEM REFORM MATTER?
5.1.	Introduction
5.2.	Strategies for Implementing the New Approaches to PEM
5.2.1.	Type I: concepts – business process – application
5.2.2.	Type II: concepts – strategy (partial) – rules and regulations -
	business process – application
5.2.3.	Type III: concepts – strategy (partial) – rules and regulations -
	business process – application – evaluation

5.2.4.	Type IV: concepts – strategy (partial) –business process/ application (integrated) –rules and regulations	
5.3. 5.3.1.	The Components of the PEM Process	
5.3.2.	Rules and Regulations	
5.3.3.	Organizational Structure of the Treasury	
5.3.4.	Human Resources Management at the Treasury	
5.3.5.	Computerized Treasury System	
5.3.6.	Services by the Treasury, line ministries and agents	
5.3.7.	Coordination and Cooperation Between and Within Institutions	
5.3.8.	Leadership	
5.3.9.	Interaction with other reform initiatives	
	PEM reform and civil service reform	
	PEM reform and legal and law enforcement reform	
	PEM reform and decentralization reform	
5.4.	Summary	
CHAI	PTER 6: IMPACTS AND OUTCOMES: BUDGET EXECUTION	
6.1.	Introduction	
6.2.	Practices of Budget Execution at the Beginning of Budget Year	
6.2.1.	Links between Budget Preparation and Execution	
6.2.2.	Budget Document	
	Budget appropriation and allocations	
	Timeliness of issuance of the budget document	
	Ownership of the budget document	
	Budget document in support of budget execution	
	Budget document in support of performance management	
	Budget document in support of cash management	
	Budget document in support of accounting and reporting	
	Details of the budget document as operational guidelines	
6.2.3.	Appointment of Executing Officers	
6.2.4.	Availability of Cash Advance	
6.3.	Budget Execution Practices throughout the Budget Year	
6.3.1.	Procurement, Commitment, Liquidation, and Payment Orders	
	Procurement	
	Commitment and liquidation	
	Payment orders	
	Approval of Payment Order	
6.3.2.	Budget Absorption.	
6.3.3.	Budget Adjustment	
	Authority to approve adjustment	
	Trends of changing budget adjustment	
	Timeliness of budget adjustment	
6.3.4.	Adjustment to fiscal shocks	
6.4.	Practices of Budget Execution at the End of Budget Year	
6.4.1.	Treatment for Undelivered Activity and its Budget Allocation	

6.4.2.	Implications of the Cash Budgeting System
6.5.	Summary
CHAI	PTER 7: IMPACTS AND OUTCOMES: CASH MANAGEMENT
7.1.	Introduction
7.2. 7.3. 7.3.1. 7.3.2.	Public money under the Treasury. Bank account management. Opening and controlling bank accounts. Treasury single account (TSA).
7.4. 7.4.1. 7.4.2. 7.4.3. 7.4.4. 7.4.5. 7.4.6.	Cash planning. The roles of the Treasury and related institutions. The connection between cash planning and cash transaction. Details of cash planning. Minimum cash balance. Cash receipt and cash disbursement plans. Management of cash surpluses and deficits.
7.5. 7.5.1. 7.5.2.	Cash payments and receipts. Control before the point of cash transaction. Cash payment and receipt mechanisms. Cash payment mechanism. Cash receipt mechanism.
7.6. 7.6.1. 7.6.2. 7.6.3.	Cash advance management. Disbursing finance officer as cash advance holder. Amount of cash advance and additional requests. Control and accountability.
7.7.	Summary
REPO	PTER 8: IMPACTS AND OUTCOMES: ACCOUNTING AND ORTING
8.1.	Introduction
8.2. 8.2.1. 8.2.2.	Accounting System
8.3. 8.3.1. 8.3.2.	Financial Accountability Reports. The quality of financial accountability reports. Hierarchical process of financial accountability reports. Reconciliation process between the Treasury and line ministries at operational level. Reconciliation process between the Treasury and operational banks at operational level. Reconciliation process between the Treasury and line ministries at regional level. Financial review and statement of responsibility. Financial audit and follow-up findings and recommendations
8.4.	Implementation of Accrual Accounting.

8.4.1. 8.4.2.	Understanding and readiness of stakeholders	211 213
8.5.	Summary	217
	PTER 9: RELATIONSHIP BETWEEN THE PROCESS AND THE COMES OF THE PEM	219
9.1.	Introduction	219
9.2. 9.2.1. 9.2.2.	The Process and the Outcomes	220 220 223
9.3. 9.3.1. 9.3.2. 9.3.3. 9.3.4.	Correlation between the Process and the Outcomes Tendency of Association by using scatter plots	224 224 225 226 229
9.4. 9.4.1. 9.4.2.	Components of the Process, Problems and Future Directions Exploring problems by using root analysis	233 233 235
9.5.	The importance of institutional arrangements in the PEM reform by using structural equation modeling	239
9.6.	Summary	244
	PTER 10: THE PEM REFORM AND CHANGING CONTROL ANGEMENTS	246
10.1.	Introduction	246
10.2.	Control arrangements in the PEM	247
10.2.1	. Control arrangements in treasury functions	247
	Control in budget execution	247
	Control in cash management	251
10.2.2	Control in accounting and reporting Control by the Treasury, finance managers, and finance officers	254 255
10.2.2	, , , , , , , , , , , , , , , , , , ,	253 258
10.3.	Changing control arrangements from principal-agent perspective	259
10.3.		260
10.3.2	ι	261
10.3.3		262
10.3.4	Appointing another agent as auditor	265
10.3.5	. Giving agent more flexibility	266
10.4.	Summary	269

CHAI	PTER 11: CONCLUSION AND POLICY IMPLICATIONS	271
11.1.	Introduction	271
11.2.	The PEM outcomes and processes. General findings. Critical lessons.	273 273 281
11.3.	Policy implications.	283
11.4.	Concluding remarks	285
APPE	NDICES	
Appen	dix 1 The History of PEM Reform	289
	dix 2 The Changes Between The Bill And The Law Of Public	290
	dix 3 Financial and Performance Accountability Flow (Before the n)	29
Appen	dix 4 Financial and Performance Accountability (After the Reform)	292
	dix 5 Logical Framework Matrix of Research Evaluation of PEM	293
Appen	dix 6 Fieldwork Schedule	290
Appen	dix 7 Interviews – List of Questions	29′
Appen	dix 8 Questionnaires	304
Appen	dix 9 The Issuance of Laws and Governmental Regulations	32:
	dix 10 The Cash and the Changing Scope of the General State Cash nt	320
	dix 11 The Changing Roles of Disbursing Finance Officer in Managing Advance and the PEM System	32
Appen	dix 12 The Variables and Measured Indicators	328
Appen	dix 13 Model Fit Summary	329
Appen	dix 14 The Modified PEM Framework	330
Appen	dix 15 Getting the Changing Control Arrangements Right	33′
BIBL]	IOGRAPHY	339

LIST OF TABLES

Table 2.1.	: Public Expenditure Management – objectives and phases	15
Table 2.2.	: The sequence of budget execution, cash management and accounting	19
Table 2.3.	: Public Expenditure Management approaches	35
Table 2.4.	: Degree of control and flexibility	44
Table 3.1. Table 3.2.	: The principles of good governance in the Laws: : Levels of accountability	56 58
Table 4.1.	: Data sources and research tools	74 76
Table 4.2.	: The number, types, response for surveys	70
Table 5.1.	: The hierarchy and the issuance of treasury rules	96
Table 8.1.	: The development of accounting and reporting system	194
Table 8.2.	: Ex-ante and ex-post control on accounting and reporting	205
Table 9.1.	: The perspectives of the stakeholders concerning the process and the outcomes.	220
Table 9.2.	: The correlation between the process and the outcomes	225
Table 9.3.	: The variance of factor loadings between regions	229
Table 11.1	: The nature of transactions in Public Expenditure Management	278

LIST OF FIGURES

Figure 2.1. Figure 2.2.	: Balance of power between the Treasury and line ministry : Type of controls and institutions	33 33
Figure 3.1.	: Payment process (before 2004)	50
Figure 4.1.	: Research evaluation framework of the effectiveness of Public Expenditure Management	67
Figure 5.1. Figure 5.2.	: The types of the implementation of PEM strategy: : The components and layers of PEM process	85 90
Figure 6.1. Figure 6.2.	: The organizational structure at spending unit after the reform : The trends of budget allocation and budget realization 2005-2007	136 145
Figure 7.1.	: The accuracy of cash receipt plan and cash disbursement plan (the perspectives of the Treasury)	171
Figure 7.2.	: The trends (number) of dispensation proposal on payment mechanism (the perspectives of the stakeholders)	179
Figure 7.3.	: The average time needed by the treasury service office to approve the payment order (the perspectives of the stakeholders)	179
Figure 7.4.	: The responsibility, accountability, and independency of disbursing finance officer (the perspectives of the disbursing finance officers).	186
Figure 8.1.	: The validity of financial reports	202
Figure 8.2.	: The reliability of financial reports	202
Figure 8.3.	: The timeliness of financial reports	202
Figure 8.4.	: The information for decision making of financial reports	202
Figure 8.5.	: Unreconciled financial reports	205
Figure 8.6.	: Reconciliation of financial data	205
Figure 9.1.	: The scatter plots of the perspectives of the group of stakeholders	223
Figure 9.2.	: The scatter plots of the perspectives of the stakeholders	224
Figure 9.3.	: The canonical correlation between process and outcomes in the PEM.	227
Figure 9.4.	: Root analysis of the PEM problems	233
Figure 9.5.	: The proposed future priorities in the PEM reform	235
Figure 9.6.	: The future focus of treasury functions	238
Figure 9.7.	: Structural equation modelling – the process and the outcomes of PEM reform	240
Figure 10.1.	: The control by spending units	248
Figure 10.2.	: The control by the Treasury	249
Figure 10.3.	: Flexibility of line ministries/spending units	250

Figure 10.4.	: Usefulness of control	256
Figure 10.5.	: The internal/managerial control	257
Figure 10.6.	: The changing trends of treasury control	258
Figure 10.7.	: Effectiveness of treasury control	258
Figure 10.8.	: The relationships between controlling unit and controlled	
	unit in the PEM	261

ABSTRACT

The success of governments is often defined and judged by their management of public expenditure because it shows the policies, priorities and actions which they have taken. In view of the importance of sound expenditure management, the Government of Indonesia reformed the PEM system in 2003 and incorporated international best practices into its laws as a form of institutional isomorphism. This study has assessed the roles of the Indonesian Treasury and other key institutions in formalizing and internalizing these approaches for the period 2004 to 2009. In particular, it has examined the roles of the Treasury in supporting and applying performance-based budgeting, treasury single account, and accrual accounting.

By using a modified Bennett's (1975) hierarchy model and Allen *et al.*'s (2004) PEM assessment instruments, the processes and outcomes have been explored. Interviews with the reform initiators, policy makers and related stakeholders were conducted and questionnaire surveys to policy implementers were undertaken. The findings show that although the process contributed positively to the outcomes, generally the outcomes were less optimal due mainly to incomplete institutional arrangements, poor connectedness between functions, and uneven empowerment of key actors.

The study reveals that a concurrent linear iterative approach is essential when applying contemporary approaches to PEM. It is different from other proposed approaches to PEM, such as the two-pronged approach prepared by the World Bank (1998), a torto-hare approach developed by Campo and Tommasi (1999), the platform approach by Brooke (2003), and Peterson's (2007) evolutionary approach. Moreover, the study suggests the importance of getting the changing control arrangements right instead of Schick's (1998) sequential vertical controls. Control is not eliminated but shifted to other stages in the system, whether it is put as ex-ante control or ex-post control; the flexibility can be delivered to an entity, a unit, or an officer after certain controls have been developed. To effectively change, attention needs to be paid to the boundaries and functions of entity, the roles of the Treasury, the nature of financial transactions, and the delegation of authority from the Treasury to other financial officers or institutions. The role of the Treasury as a change agent is particularly significant during reform, not only to deliver treasury services but also to issue treasury regulations covering new institutional arrangements and to train related actors. The roles of other institutions in PEM will depend on the Treasury. Therefore institutional isomorphism in the form of mimemis will not be successful if it only changes laws without also promoting wider understanding of the related concepts and practices. An indigenous developing country model, as identified by McCourt (2001), will be difficult to find. Nevertheless, legacy effects, as identified by Painter and Peters (2010), are likely to continue, particularly when awareness of the proposed changes is low and when the key actors are indifferent to reform. The most salient factor is the continuity of reform as a culture.

DECLARATION OF ORIGINALITY

I certify that this thesis does not incorporate without acknowledgement any material previously submitted for a degree or diploma in any university; and that to the best of my knowledge and belief it does not contain any material previously published or written by another person except where due reference is made in the text.

Noor F. Achmad	Date://
Candidate	
I believe that this thesis is properly presente	d, conforms to the specification for
thesis, and is of sufficient standards to be, <i>prim</i>	_
Dr. Noore A. Siddiquee	Date:/
Principal Supervisor	
Assoc.Prof. Jo Baulderstone Co-Supervisor	Date:/
oo saper isor	

the

ACKNOWLEDGMENT

First and foremost, I would like to thank God for giving me the physical and mental strength during a challenging period.

I am extremely grateful to my supervisors, Dr. Noore Alam Siddiquee and Associate Professor Jo Baulderstone, who have throughout my candidature provided me with valuable guidance and excellent assistance. They have been very responsible and dedicated supervisors. Also, thank you to my temporary co-supervisor, Mr. David Hope, for the precious discussions and suggestions. Without them it would have been impossible for me to produce this thesis and to complete my program.

I also wish to thank the Ministry of Information, Communication and Technology, especially Mr. Aizirman Djusan and the team, and the Ministry of Finance, respectfully Mr. Mulia P. Nasution, Mr. Siswo Sujanto, and colleagues who have given the opportunity, encouragement, and support to undertake and complete this project.

Various other persons have been of great help to me. I would like to express many thanks especially to all participants who spared their valuable time for this project and shared their experiences and perspectives. I am grateful for the friendliness of all research students and Indonesian friends who shared and discussed with me concerning all matters. You made my life in Adelaide so enjoyable.

Finally, special gratitude is due to my family. Without their sacrifice and understanding, it would have been difficult for me to finish this journey. To my lovely wife Indrawati K. Dewi, and my adorable son Firdaus Noor and also my lovely daughters Fairussy Noor and Fayla Noor, thank you for your love and prayers. You are my spirit to finish the study. To my mother, Ibunda Nita Karnita and my father, Ayahanda M.E. Hidayat, my thanks for your constant reminders, blessings and prayers.

GLOSARRY OF ACRONYMS

ADB Asian Development Bank

APBN The State Annual Budget (Anggaran Penerimaan dan Belanja Negara)

BAKUN The State Accounting and Reports Agency (Badan Akuntansi

Keuangan Negara)

BAPPENAS The National Development Planning Agency (Badan Perencanaan

Pembangunan Nasional)

BI The Bank of Indonesia (Bank Indonesia)

BPK The Supreme Audit Institution (Badan Pemeriksa Keuangan)

BPKP The Financial Comptroller and Development Supervisory Agency

(Badan Pengawas Keuangan dan Pembangunan)

CEO Chief Executive Officer
CFO Chief Finance Officer

COO Chief Operational Officer

FMRC Financial Management Reform Committee (Komite Penyempurnaan

Managemen Keuangan Negara)

GSC General State Cash (Kas Umum Negara)

GFS Government Finance Statistics

IFMIS Integrated Financial Management Information System

KAR Regional Accounting Office (Kantor Akuntansi Regional)

KASIPA Financial Administration Office (Kantor Verifikasi dan Pelaksanaan

Anggaran)

KPKN Payment Verification Office (Kantor Perbendaharaan dan Kas

Negara)

KPPN Treasury Service Office (Kantor Pelayanan Perbendaharaan Negara)

MOF The Ministry of Finance (Kementerian Keuangan)

PAN The State Finance Accountability Reports in form of budget realization

(Perhitungan Anggaran Negara)

PEM Public Expenditure Management

RKP The State Annual Plan (Rencana Kerja Pemerintah)

RKA-KL The Work Plan and Budget of line ministry/agency (Rencana Kerja

dan Anggaran Kementerian /Lembaga)

SAKIP Performance Accountability System within governmental institutions

(Sistem Akuntabilitas Institusi Pemerintahan)

TSA Treasury Single Account