# OUTCOMES-BASED EDUCATION IN SOUTH AFRICA SINCE 1994: POLICY OBJECTIVES AND IMPLEMENTATION COMPLEXITIES

by

### MMORI BENJAMIN MOKHABA

Submitted in partial fulfilment of the requirements of the degree

## PHILOSOPHIAE DOCTOR (PUBLIC AFFAIRS)

In the Faculty of Economics and Management Sciences

University of Pretoria

Promoter: Prof. Dr. N.L. Roux

Co-Promoter: Prof. Dr. C. Thornhill PRETORIA

Co-Promoter: Prof. Dr. P.A. Brynard September 2004

## **SUMMARY**

# OUTCOMES-BASED EDUCATION IN SOUTH AFRICA SINCE 1994: POLICY OBJECTIVES AND IMPLEMENTATION COMPLEXITIES

by

### MMORI BENJAMIN MOKHABA

PROMOTER: PROF. DR. N.L. ROUX

CO-PROMOTER: PROF. DR. C. THORNHILL

CO-PROMOTER: PROF. DR. P.A. BRYNARD

## **FACULTY OF ECONOMICS AND MANAGEMENT SCIENCES**

UNIVERSITY OF PRETORIA

PHILOSOPHIAE DOCTOR (PUBLIC AFFAIRS)

## **SUMMARY**

The primary objective of the research for this thesis is to propose an implementation model for outcomes-based education which could be implemented in South Africa. However, the proposed public policy model and its implementation activities could be appropriate for all government departments as well as public institutions. Subservient to the primary objective is the secondary objective, which can be divided into two. The first aim of the research project is to highlight and emphasise the pivotal roles of the theory and practices of public policy making, analysis and implementation. The secondary objective was to pinpoint the necessity of describing a public policy being studied in simple, clear and unambiguous language, to promote understanding. This is crucial because before a public policy could be implemented it should be comprehended.

To attain the objectives of the study it is necessary to indicate the rationale for the introduction of outcomes-based education to satisfy the public policy imperatives and directives enshrined in the *Constitution of the Republic of South Africa*, 1996 (Act 108 of 1996). Amongst others, the Constitution emphasises equality of all citizens before the law, respect for human dignity and, foremost in this thesis, the right to basic education, including adult basic education and further education. Outcomes-based education was also introduced to teach the youth and the population at large the essential democratic principles and values.

To capture the essence of the thesis, a problem statement is formulated to express the objectives of the study. The problem statement hypothesises that the proposed implementation model for outcomes-based education policy in South Africa is a necessary and sufficient condition for successful public policy implementation. The proposed implementation model should be widely implementable in the public sector as well as by the Department of Education.

In keeping with one of the objectives of the study, public policy and policy analysis are described in detail. Matters that receive attention are: policy in general and public policy in particular, policy formulation, role players and factors in policy formulation, policy analysis, crucial variables for studying policy implementation, policy evaluation, and policy analysis institutions. The purpose of the study is twofold, namely, to explain the central role played by the theory and practice of public policy, and a scientific approach for dealing with public policy. Moreover, it is crucial to know and understand what every public policy is about – its definition, origins, characteristics, and advantages. In relation to outcomes-based education policy for South Africa all these matters have to be taken into account.

The effect of policy implementation must be viewed in relation to its impact on its implementers as well as its beneficiaries. Hence, the roles of both educators and learners have to be described in detail. Activities that enable educators and learners to express themselves in relation to outcomes-based education policy are: reflective teaching practice; multicultural classrooms; possible outcomes of learning; teaching strategies and teaching methods; and lesson planning and preparation. Moreover, the roles of educators and learners as dictated to or in keeping with outcomes-based education policy has to be explained. The rationale for this explanation is to indicate the extent to which the implementation of outcomes-based education policy brought about change in teaching and learning. Furthermore, from the description of roles of educators and learners one can deduce the impact of the public policy implemented. In addition, it is possible to see whether the initial intended objectives of the policy have been realised or not. Therefore, the roles of educators and learners serve as barometers to indicate the extent to which the objectives of the outcomes-based education policy have been achieved or not.

To ensure that a public policy is successfully implemented, there is a need for a guide to implementation in the form of a public policy implementation model. Hence, a public policy implementation model for South African outcomes-based education is proposed. Initially policy analysis techniques are explained. Four policy analysis bases are ex-

plained, namely, cost-benefit analysis, decision analysis, simulations and models, and experimental analysis. Implications of policy analysis techniques are indicated with regard to the model, followed by an explanation of the national curriculum statement. Aspects that are addressed include outcomes-based education, learning areas statement, learning programmes, time allocations, assessment, educator and learner. The impact of the national curriculum statement on the model is explained. A further component of the model is the management of the implementation process. Regarding the latter, personnel, financing, procedural arrangements, control and accountability, and organising are described as building blocks of the model. Monitoring and evaluation are explained in relation to policy implementation. The study contributes in particular to the successful implementation of outcomes-based education through the application of an implementation model. This could also apply to public policy management in general.

#### **ACKNOWLEDGEMENTS**

It is humane to acknowledge contributions that people made in various and varied ways towards completion of an important assignment. It is also in keeping with human nature to express one's profound gratitude to the individuals who wholeheartedly assisted one to accomplish a marvellous achievement. Helping a candidate to complete a thesis is by all standards no small contribution. Therefore, it is prudent to mention those special individuals and to indicate their specific contributions towards the completion of a thesis. Furthermore, it is spiritually gratifying to acknowledge assistance received.

First and foremost, I would like to acknowledge the encouragement and sympathetic support I received from my promoter, Prof. Nico Roux, and my co-promoters, Prof. Chris Thornhill and Prof. Petrus Brynard, for a period of four years as I worked very hard undertaking this research project. I feel morally and duty-bound to openly acknowledge their scholarly advice, unfailing patience and readiness to help to me unlimitedly. Without their support, it would have been impossible for me to complete the research, especially taking into account my academic background which is inclined to Education. Through their assistance I was able to focus on public policy and policy analysis as the research demanded.

I would like to acknowledge encouragement I received from Prof. J.J.N. Cloete. From time to time he enquired about the progress I made towards the completion of the research. He did not hesitate to speak strongly with me if there was slow progress. He, undoubtedly, acted as my mentor, and for that, my thanks are more than words can tell.

This thesis was typed by Ms Lynette Albrecht. She, too, contributed in no small way towards the completion of the research. For her contribution, I would like to place on record my sincere thanks.

Family plays a crucial role in one's studies. My family contributed vastly to the completion of my studies by encouragement and creating an abling environment for me to study. I would like to place on record my profound gratitude to my parents, Sentsho Caizer and Mmapula Freda, for the sacrifices they made for my education and for encouraging me to study hard. Unfortunately, both of them have passed away. Last, but not least, I would like to thank my dear wife, Dorothy, and my children, Abel, Rebecca, Reorapetse, Tshepang and Frederica for their support.

# **TABLE OF CONTENT**

CHAF	PTER 1:	RESEARCH PROBLEM AND RESEARCH DESING	1
1.1	INTROD	DUCTION	1
1.2	INTROD	OUCTORY OVERVIEW	1
1.3	FRAME	OF REFERENCE	5
1.4	OBJECT	IVE OF STUDY AND PROBLEM STATEMENT	6
	1.4.1 1.4.2	Objective of study Problem statement	7 8
1.5	RESEAR	CH METHOD AND DESIGN	10
1.6	DEFINIT	TION OF KEY CONCEPTS	11
1.7	STRUCT	URE OF RESEARCH	19
1.8	CONCLU	JSION	22
CHAF	PTER 2:	POLICY DIRECTIVES FOR OUTCOMES-BASED EDUCATI A HISTORICAL PERSPECTIVE	
2.1	INTROD	DUCTION	23
2.2	JUSTIFI	CATION FOR OUTCOMES-BASED EDUCATION	24
	2.2.1 2.2.2 2.2.3	Regional and homeland administration  The elimination of missionary control  Decline in quality of education	27
2.3	DEFININ	NG OUTCOMES-BASED EDUCATION	29
2.4	ROOTS	OF OUTCOMES-BASED EDUCATION	33
	2.4.1 2.4.2 2.4.3 2.4.4	Educational objectives	36 38

2.5	CHARACTERISTICS OF OUTCOMES-BASED EDUCATION41		
2.6	ADVANTAGES OF OUTCOMES-BASED EDUCATION		
2.7	TYPES (	OF OUTCOMES-BASED EDUCATION	46
2.8		S AND POLICY DIRECTIVES FOR SOUTH AFRICAN OUTCOMES- EDUCATION49	
	2.8.1 2.8.2 2.8.3 2.8.4 2.8.5 2.8.6 2.8.7 2.8.8 2.8.9 2.8.10	Objectives of the national education policy Policy preparation requirements Monitoring and evaluation of education Council of Education Ministers Heads of Education Departments Committee Consultative bodies Implementation policies Outcomes of outcomes-based education Monitoring directives Outcomes-based education: South Africa's choice  (a) Status of outcomes-based education in South Africa (b) South African Qualifications Authority Act, 1995 (Act 58 of 1995)67	53 55 56 57 60 61 62 63
2.9	CONCLU	JSION	74
СНА	PTER 3:	POLICY AND POLICY ANALYSIS	76
3.1	INTROE	DUCTION	76
3.2	POLICY	AND PUBLIC POLICY DEFINED	76
3.3	POLICY	FORMULATION	79
	3.3.1 3.3.2 3.3.3 3.3.4 3.3.5	Establishment of the context	81 81 82
3.4	TYPES (	OF POLICIES	87

3.5	ROLEPI	LAYERS AND FACTORS IN POLICY FORMULATION	91
	3.5.1	The public bureaucracy	
	3.5.2	Think tanks and shadow cabinets	
	3.5.3	Interest groups	95
	3.5.4	Members of legislatures	
	3.5.5	Circumstances or the environment	
	3.5.6	Needs and expectations of the population	
	3.5.7	Policies of political parties	100
3.6	POLICY	/ ANALYSIS	101
	3.6.1	Origins of policy analysis	101
	3.6.2	Defining Policy Analysis	
	3.6.3	The scope of Policy Analysis	110
3.7	POLICY	/ IMPLEMENTATION	112
	3.7.1	Factors to be considered in policy implementation	115
		(a) Legislation	115
		(b) Policy issues	116
		(c) Political setting	117
		(d) Interest group	118
		(e) The institutional setting	119
		(f) Institutional disunity	
		(g) Standard operating procedures	
		(h) Organisational communication	
		(i) Time problems	
		(j) Incomplete and inaccurate public planning	
		(k) Interinstitutional politics within public institutions	125
3.8	CRITIC	AL VARIABLES FOR STUDYING POLICY IMPLEMENTATION	127
	3.8.1	Content	127
	3.8.2	Context	128
	3.8.3	Commitment	128
	3.8.4	Capacity	128
	3.8.5	Clients and coalitions	
3 9	MONIT	ORING POLICY OUTCOMES	132

3.10	POLICY	EVALUATION	137
	3.10.1 3.10.2 3.10.3 3.10.4 3.10.5 3.10.6 3.10.7 3.10.8 3.10.9 3.10.10 3.10.11	Defining policy evaluation Reasons for policy evaluation Policy evaluation foci Evaluation decision Evaluation design Types of evaluation. Evaluation management Requirements for effective policy evaluation Assessing policy outcomes or impacts Responsibility for evaluation Evaluation constraints	139141144147151152
		Utilisation of evaluation results	
3.11	POLICY	ANALYSIS INSTITUTIONS	162
	3.11.1 3.11.2 3.11.3	Functions of policy analysis institutions  Possible contributions of research to policy  Centre for Policy Research in Education: An overview	167 169
3.12	CONCLU	JSION	177
CHAF	PTER 4:	ROLES OF EDUCATORS AND LEARNERS IN THE IMP	
4.1	INTROD	DUCTION	179
4.2	REFLEC	TIVE TEACHING PRACTICE	180
4.3	MULTIC	ULTURAL CLASSROOMS	181
4.4	POSSIBLE OUTCOMES OF LEARNING		187
4.5	TEACHII	NG STRATEGIES	195
	4.5.1 4.5.2 4.5.3	Deductive and inductive teaching strategies Co-operative learning as a teaching strategy Problem-solving as a teaching strategy	198
4.6	LESSON PLANNING AND PREPARATION		
	LESSON	PLANNING AND PREPARATION	212
4.7		PLANNING AND PREPARATION	

СНА	PTER 5:	COMPLEXITIES OF IMPLEMENTATION OF OUTCOMES-BASED EDUCATION	231
5.1	INTROE	DUCTION	231
5.2	CURRIC	ULUM DEVELOPMENT	232
	5.2.1	Definitions	233
	5.2.2	Characteristics of a curriculum	235
	5.2.3	Curriculum orientations and perspectives	236
	5.2.4	Curriculum organisation	237
5.3	ASSESS	MENT	241
	5.3.1	Assessment of outcomes-based learning	
	5.3.2	Purpose of assessment	
	5.3.3	Principles of assessment	
	5.3.4	Developmental assessment	
	5.3.5	Assessment methods	
	5.3.6	Continuous assessment	
	5.3.7	Features of continuous assessment	
	5.3.8	Criteria/assessment standards	
	5.3.9	Criterion referencing and norm referencing	267
		(a) Issues to be assessed	269
		(b) Timing of assessment	269
		(c) Persons responsible for assessment	269
		(d) Methods of assessment	270
	5.3.10	How to record and report	271
5.4	CRITIQ	UE OF OUTCOMES-BASED EDUCATION	276
5.5	CONCLU	JSION	293
СНА	PTER 6:	POLICY IMPLEMENTATION MODEL FOR SOUTH AFRICAN OUTCOMES-BASED EDUCATION295	
6.1	INTROE	DUCTION	295
6.2	POLICY	ANALYSIS TECHNIQUES	295
	6.2.1	Cost-benefit analysis	296
	6.2.2	Decision analysis	
	6.2.3		

	6.2.4 6.2.5	Experimental analysis  Policy analysis techniques: Implications for policy implementation310	
6.3	THE NA	ATIONAL CURRICULUM STATEMENT	313
	6.3.1	Outcomes-based Education	313
	6.3.2	Revised National Curriculum Statement: Learning Areas	
		Statements	314
	6.3.3	Revised National Curriculum Statement: Learning	
		Programmes	
	6.3.4	Time allocations	
	6.3.5 6.3.6	Assessment Envisaged educator	
	6.3.7	Envisaged learner	
	6.3.8	The National Curriculum Statement: Implications for policy	510
	0.5.0	implementation	316
6.4	MANAG	GEMENT OF THE IMPLEMENTATION PROCESS	317
	6.4.1	Human Resources	317
		(a) Leadership	318
		(b) Position classification	
		(c) Training and development	321
		(d) Ethics in the public service	323
		(e) Human Resources: Implications for policy	
		implementation	324
	6.4.2	Financing	326
		(a) Organisational arrangements	326
		(b) Budget	327
		(c) Control	
		(d) Financing: Implications for policy implementation	334
	6.4.3	Procedural arrangements	335
		(a) Development of work procedures	335
		(b) Necessity for formal procedures	
		<ul><li>(c) Factors that necessitate the revision of procedures</li><li>(d) Procedural arrangements: Implications for policy</li></ul>	338
		implementation	339

	6.4.4	Control and accountability	340
		<ul><li>(a) Internal control</li><li>(b) Accountability</li><li>(c) Control and accountability: Implications for policy implementation</li></ul>	344
	6.4.5	Organising	346
		<ul><li>(a) Internal organisational arrangements</li><li>(b) Human dimension of organisation: Organisational</li></ul>	
		development(c) Organising: Implications for policy implementation	
6.5	MONITO	DRING AND EVALUATION	353
	6.5.1	Monitoring and evaluation: Implications for policy implementation	353
6.6	POLICY	IMPLEMENTATION MODEL: OUTCOMES-BASED EDUCATION .	355
6.7	CONCLU	JSION	367
CHA	PTER 7:	CONCLUSIONS AND RECOMMENDATIONS	369
BIBL	.IOGRAP	HY	383
Book	S		383
Journ	nals		397
News	papers		401
Offici	al Publica	tions	401
Confe	erence/Se	minar	403
Disse	rtations		404
Electi	ronic Sour	rces	404
Video	)		404

## **LIST OF FIGURES**

Figure 3.1:	Policy-making cycle	104
Figure 3.2:	Policy analysis by problem type	110
Figure 6.1:	Decision tree for purchasing a car	303

## **LIST OF TABLES**

Table 2.1:	The structure of the National Qualifications Framework	69
Table 3.1:	Policy analysis by activity	. 111
Table 3.2:	Basic methods by steps in the policy analysis process	. 149
Table 3.3:	Data collection methods for formative evaluation	. 150
Table 3.4:	Social impact assessment: General methodology	. 154
Table 3.5:	The revised social assessment process	. 155
Table 4.1:	Instructional activities for educators	. 192
Table 5.1:	The sift from content measurement to performance assessment258	
Table 6.1:	Helicopter patrol cost-benefit analysis	. 296
Table 6.2:	Human Resources expenditure for education by province	. 331