

# Contents

<b>Preface</b> .....	11
<b>Acknowledgements</b> .....	13
<b>List of frequently used symbols</b> .....	15
Variables .....	15
Subscripts, superscripts .....	16
<b>1 Introduction</b> .....	17
<b>2 Defining non-profit organisations</b> .....	21
Introduction .....	21
The provision of goods and services .....	21
Generic organisational forms .....	21
Real organisational forms .....	22
Definition .....	24
Organisational objectives .....	25
Incentive implications: the property rights approach .....	27
Classifying non-profit organisations .....	28
<b>3 The demand for non-profit organisations</b> .....	31
Introduction .....	31
Institutional choice .....	31
The transaction cost approach .....	32
Transaction costs .....	32
Understanding the existence of non-profit organisations .....	34
Non-profit organisations versus profit organisations .....	34
‘Market failure’ theories .....	34

The market failing to provide some goods or services . . . . .	35
Contract failure . . . . .	35
Public goods . . . . .	37
Client control. . . . .	38
Advocacy. . . . .	38
The market failing to reach optimal welfare levels or welfare allocations. . . . .	38
Unwanted welfare outcomes . . . . .	38
Stochastic demand. . . . .	39
Employee motives. . . . .	39
Presence of both profit organisations and non-profit organisations on the same markets . . . . .	40
Non-profit organisations versus governments. . . . .	43
Where do we stand? . . . . .	45
<b>4 Founding a non-profit organisation. . . . .</b>	<b>47</b>
Introduction. . . . .	47
Non-profit entrepreneurs. . . . .	47
Modelled non-profit entrepreneurship . . . . .	48
A model without altruism . . . . .	48
A model with altruism: the voluntary provision of public goods of some value . . . . .	50
Organisational survival. . . . .	51
<b>5 Governing and staffing a non-profit organisation . . . . .</b>	<b>53</b>
Introduction. . . . .	53
The principal-agent framework and non-profit organisations. . . . .	53
Principals in a non-profit organisation . . . . .	55
The board. . . . .	55
The board as principal . . . . .	55
The impact of the composition of the board on organisational behaviour . . . . .	56
Functioning of the board . . . . .	58
Other principals. . . . .	61
Agents in a non-profit organisation. . . . .	61
The manager . . . . .	61
Managerial utility . . . . .	61
The board as a principal and the manager as its agent . . . . .	64
Performance based remuneration . . . . .	67
Non-managerial staff. . . . .	70
Selecting the agent . . . . .	73
What about volunteers?. . . . .	75

<b>6 Organisational strategy and behaviour of non-profit organisations</b>	<b>77</b>
Introduction	77
Strategic planning in non-profit organisations	77
Strategic choices	79
Economics and non-profit organisations' strategies	79
Sustainable growth for non-profit organisations	80
Location	81
Comparing strategic behaviour of non-profit organisations and profit organisations: some examples	81
The effect of an exogenous demand change on organisational charity	81
Non-profit organisations involved in mergers	82
Competition between non-profit organisations and profit organisations	84
Comparing strategic behaviour of non-profit organisations and public providers	86
<b>7 Marketing in non-profit organisations</b>	<b>87</b>
Introduction	87
Marketing management	87
Pricing	88
Volunteers	90
Some generalities on volunteers and volunteering	90
Voluntary board members	93
The value of voluntary labour	94
Subsidies and gifts	96
Concepts	96
Subsidies	97
Subsidy design when subsidiser and non-profit organisations share the same objectives	97
Subsidy design when subsidiser and non-profit organisations do not share the same objectives	99
Donations by individuals: the optimal level of fundraising	101
Donations by firms	107
Interactions between gifts and subsidies	109
Profit activities by non-profit organisations	112
<b>8 Accounting in non-profit organisations</b>	<b>115</b>
Introduction	115
Principles of accounting and control	115
Accounting	115
Auditing	116
How are accounting and control perceived?	117
Accounting theory for non-profit organisations	118
The framework	118

No board: the founder is the manager . . . . .	119
The ineffective board . . . . .	120
The effective board . . . . .	120
Reducing agency costs with accounting and financial control . . . . .	120
Refinements . . . . .	122
Donors as principals . . . . .	123
Accounting knowledge . . . . .	124
The role of debt in explaining the presence of accounting and auditing . . . . .	126
Accounting regulation, compliance, and financial statement quality . . . . .	126
Accounting choices . . . . .	129
The empirical literature . . . . .	129
Modelling earnings manipulations . . . . .	133
Financial statements of non-profit organisations . . . . .	134
Content . . . . .	134
Financial statement analysis . . . . .	134
Cost accounting in non-profit organisations . . . . .	135
Cost accounting principles . . . . .	135
The cost of profit activities . . . . .	135
Donors and organisational costs . . . . .	136
Tax-motivated cost allocations in private foundations . . . . .	139
<b>9 Financial management of non-profit organisations . . . . .</b>	<b>141</b>
Introduction . . . . .	141
Sources of funds . . . . .	142
Terminology . . . . .	142
Equity . . . . .	142
Diversification of equity . . . . .	142
Retaining earnings . . . . .	144
Debt . . . . .	145
Cost of capital . . . . .	146
Determining the cost of capital in a non-profit organisation . . . . .	146
Investment analysis in non-profit organisations . . . . .	147
Capital structure . . . . .	147
Financial vulnerability . . . . .	149
<b>10 <i>Gaudium et spes</i> . . . . .</b>	<b>153</b>
<b>Appendix I International Classification of Non-Profit Organisations (ICNPO) . . . . .</b>	<b>155</b>
<b>Appendix II Brooks-Ondrich (2007) method to determine the organisational objective function . . . . .</b>	<b>162</b>

<b>Appendix III Proofs of an agent selection model, based on Besley and Ghatak (2005)</b> .....	163
<b>Appendix IV Derivation of the sustainable growth rate of a non-profit organisation (Jegers 2003)</b> .....	165
<b>Appendix V Changes in demand and uncompensated care (Banks <i>et al.</i> 1997)</b> .....	166
<b>Appendix VI A simplified version of Liu and Weinberg's (2004) model on non-profit/profit competition</b> .....	168
<b>Appendix VII Wealth and voluntarily joining a board (based on Handy (1995))</b> .....	170
<b>Appendix VIII Effect of different subsidy regimes on output and slack (Duizendstraal and Nentjes 1994)</b> .....	171
<b>Appendix IX Profit activities by non-profit organisations (Schiff and Weisbrod 1991)</b> .....	173
<b>Appendix X Properties of the diversification index</b> .....	174
<b>Bibliography</b> .....	177