Contents

Abbreviations and Data Note Acknowledgments	
Acknowledgments	xiv
Executive Summary	xvi
Introduction	1
Social Funds: An Innovative, Community-Based Tool	1
Objectives of the Study	5
Context of the Research	6
Outline of the Report	6
1. Overview of Social Funds	9
Definitions and Characteristics	9
General Debates about the Model	11
Description of the Six Case Study Social Funds	13
The Project Cycle and Implementation	
Arrangements	15
Capacity Building and Coordination with Stakeholders	17
Findings from Earlier Studies	18
Measuring Workers' Gains	18
Expanding Access to Services	19
Reaching the Poor	10

2.	Methodology	21
	Overall Approach to Study Questions	21
	Research Questions	22
	Evaluation Methodology	25
	Evaluating Poverty Targeting	26
	Evaluating Facilities	27
	Evaluating Household Impact	28
	Approaches to Impact Evaluation in the Country Case Studies	34
	Cost Study Methodology	37
	Analysis of Participation, Perceptions, and Priorities	38
	Data Sources and Sample Sizes	38
	Data Sources	40
	Sample Size and Design	45
	Costs and Time Frame	45
	Implications	47
	Lessons on Methodology	47
	Operational Recommendations for Evaluation	48
3.	Performance in Poverty Targeting	51
	Research Focus	51
	Geographic Targeting Performance	52
	Cumulative Results	53
	Recent Trends	56
	Variation in Spending among Districts or Municipalities	58
	Household Targeting Performance	59
	Results Based on Poverty Lines	60
	Results Based on Income or Consumption Deciles	63
	Results by Type of Project	65
	Comparison of Targeting by Social Fund and Other Programs	67
	Geographic Targeting	68
	Household Targeting	68
	Targeting within Districts	72
	Analysis of Potential versus Actual Beneficiaries	7 5
	Implications	77
4.	Education	81
	Research Focus	81
	Impact on Infrastructure	83
	Impact on the Availability of Equipment,	
	Furniture, and Textbooks	86
	Impact on Staffing, School Size, and	
	Student-Teacher Ratios	87

Contents vii

	Number of Students	88
	Student-Teacher Ratios	89
	Impact on Educational Outcomes	90
	Enrollment Rates	90
	Educational Attainment	94
	Sustainability	95
	Implications	97
5.	Health	99
	Research Focus	99
	Impact on Infrastructure	101
	Impact on Availability of Key Inputs	103
	Medical Equipment and Furniture	103
	Access to Essential Medicines and Supplies	103
	Staffing	104
	Impact on Health Outcomes	106
	Utilization Rates	106
	Health Outcomes	112
	Sustainability	114
	Implications	117
6.	Water and Sanitation	119
	Research Focus	119
	Water Systems	121
	Quality and Utilization	121
	Physical and Operational Sustainability	122
	Household-Level Impacts	127
	Sewerage Systems	129
	Supply and Utilization	129
	Physical and Operational Sustainability	131
	Household-Level Impacts	133
	Latrines Ovality and Utilization	135
	Quality and Utilization Household Level Impacts	135
	Household-Level Impacts Implications	136 136
	Water Systems	136
	Sewerage Systems	137
	Latrines	
	Lutities	138
7.	Community Dynamics	139
	Research Focus	139
	Response to Community Priorities	140

How Projects Are Identified	140
Findings Participation throughout the Project Cycle	142 145
Participation throughout the Project Cycle Project Identification	145
Design	148
Implementation	148
Operation and Maintenance	150
Does Participation Matter?	151
Implications	153
8. Cost Analysis of Social Funds	157
Research Focus	158
Complications and Caveats	159
Comparators	160
Education	162
Health	167
Water and Sanitation	168
Water Supply Systems	168
Sewerage and Latrines	170
Program Efficiency	172
Overhead Expenditures	172
Speed of Execution	174
Leveraging of Community Resources	175
Implications	176
9. Conclusions	179
General Findings	179
Key Design Issues for Social Funds	180
Improving Poverty Targeting	181
Improving the Impact	181
Enhancing Sustainability	182
Increasing Cost-Efficiency	183
Ensuring Relevance to Community Needs an	
Engagement of Citizens	184
Key Issues for Impact Evaluation	185
Implications for the Role of Social Funds wi	
Poverty Reduction Strategies	187
Appendix: Methodology for Education, Healt	
Water and Sanitation Impact Evaluations	189
Bibliography	197

Contents ix

Tables

1.1	Basic Information on the Case Study Social Funds	14
2.1	Impact Evaluation Designs Applied in the	
	Case Study Countries	31
2.2	Cost Study Sample Frames and Methodologies	38
2.3	Data Sources Used in the Country Case Studies	41
2.4	Household and Facility Sample Sizes Used for	
	Targeting and Impact Evaluation, Treatment	
	and Comparator Groups Combined	44
2.5	Estimated Costs of Impact Evaluations	
	and Targeting Analyses	46
3.1	Units Used in Analysis of Geographic Targeting	53
3.2	Cumulative Geographic Distribution of Social	
	Fund Resources by Population Decile	54
3.3	Distribution of Social Fund Beneficiaries	
	by Population Decile	64
3.4	Distribution of Social Fund Beneficiaries by Population	
	Decile and Type of Project, Honduras and Nicaragua	66
3.5	Distribution of Social Fund and Municipal Expenditures	
	among Municipalities Ranked by Poverty, Bolivia	69
3.6	Distribution of Social Program Benefits among Households	
	by Decile, Armenia, 1998	70
3.7	Distribution of Education and Health Benefits by Quintile,	
	Nicaragua, 1998	72
4.1	Education Project Component of Total Social Fund	
	Investment	83
4.2	Physical Condition of Social Fund and Non-Social	
	Fund Schools, Case Study Countries in Latin America	84
4.3	Access to Safe Water and to Electricity in Social Fund	
	and Non–Social Fund Schools	85
4.4	Students per Desk, Bolivia, Honduras, and Zambia	87
4.5	Availability of School Furniture, Zambia	87
4.6	Change in School Size	89
4.7	Student-Teacher Ratios	89
4.8	Net Primary Enrollment Rates	90
5.1	Health Project Component of Total Social Fund Investment	101
5.2	Health Facilities in Adequate or Better Condition	102
5.3	Health Facilities' Access to Utilities	102
5.4	Health Facilities' Access to Essential Medicines	
	and Supplies	104
5.5	Staffing of Health Facilities, 1993 and 1997–98	105

5.6	Impact of Social Fund Investment on Household Utilization	
	of Health Facilities, 1998	107
5.7	Average Daily Consultations in Urban and Rural Health Posts,	
	Honduras, 1997	110
5.8	Health Facility Utilization Overall and by Female Patients,	
	Nicaragua, 1993 and 1997	117
5.9	Impact of Social Fund Investments in Health Centers on	
	Infant and Under-Five Mortality, Bolivia, 1993–97	113
5.10	Indicators of Sustainability of Health Facilities	116
5.11	Maintenance of Health Facilities, Nicaragua	116
6.1	Quality of Water Systems, Honduras, 1999	124
6.2	Impact of Social Fund Water Investments on	
	Under-Five Mortality, Bolivia, 1993–97	128
6.3	Impact of Social Fund Water Investments on Health	
	Outcomes and Household Access to Water, Nicaragua	130
6.4	Quality of Sewerage Systems, Honduras, 1999	132
6.5	Quality of Latrines, Honduras, 1999	135
7.1	Community Investment Priorities and Choices,	
	by Project Type, Honduras	143
7.2	Share of Beneficiary Households Consulted about	
	Social Fund and Other Projects, Honduras	146
7.3	Beneficiary Households Participating	
	in Project Execution, Honduras	149
8.1	Glossary of Social Funds and Comparator	
	Programs Used in the Cost Analysis	161
8.2	Unit Costs in School Infrastructure Projects	163
8.3	Costs of Different Approaches to Constructing School	
	Infrasturcture, Zambia	166
8.4	Unit Costs in Health Center Investment Projects	167
8.5	Unit Costs in Water Infrastucture Projects	169
8.6	Unit Costs in Sanitation Projects	171
8.7	Annual Overhead Expenditures as a Share of Total	
	Program Cost, by Type of Implementing Program	173
8.8	Local Contributions as a Share of Direct Costs	
	in Social Fund Projects	176
8.9	Local Contributions as a Share of Direct Costs in Social	
	Fund and Other Projects, Nicaragua and Peru	177
A.1	Education Evaluation: Household and Facilities	
	Sample Sizes by Country	191
A.2	Health Evaluation: Household and Facilities Sample	
	Sizes by Country	193

Contents xi

	A.3	Water and Sanitation Evaluation: Household and	
		Facilities Survey Sample Sizes by Country and Subsector	194
В	oxes		
	1	Country Case Evaluation Studies	4
	2.1	Impact Evaluation Methodologies	23
	2.2	Qualitative Assessments Reviewed	39
	3.1	Comparing Targeting Results in Honduras	
		Using Different Measures	61
	3.2	Targeting of Social Funds to the Poor and the Poorest	62
	4.1	A Parent Speaks about the Importance of Social Fund	
		Investments in School Infrastructure	85
	4.2	Poverty and Gender Aspects of the Impacts of	
		Social Fund Investments in Education in Nicaragua	92
	4.3	Indigenous Communities and Social Funds: Lessons from	
		Education Investments in Peru	93
	4.4	Comment on the Social Fund's School	
		Investments, Honduras	94
	4.5	Infrastructure Inputs and Academic Achievement	
		in Developing Countries	96
	5.1	Evidence on Supply-Side Factors Affecting Utilization	
		of Health Care	109
	5.2	Beneficiaries of Social Fund Health Posts Speak Out	110
	5.3	Evidence on Supply-Side Factors Affecting	445
	<i>(</i> 1	Health Outcomes	115
	6.1	Comparing the Sustainability of Water Systems	100
	()	across Countries	123
	6.2	International Evidence on the Health Effects of Sewerage	124
	6.3	Investments Congrete Penelite from Conitation Projects Handurge	134 136
	7.1	Concrete Benefits from Sanitation Projects, Honduras Selection of Lower-Priority Projects: Two	130
	7.1	Cases in Honduras	144
	7.2	On the Responsiveness of Local Governments in Armenia	147
	7.2	The Importance of Ownership: Comments	147
	7.0	from Honduras and Zambia	150
	7.4	Participation in Maintenance in Nicaragua	152
	7.5	Participation and Determinants of Success	102
	0	in Social Fund Projects in Peru	154
	8.1	Costs of Rural Water Systems in Three	
		Andean Countries	171

9.1	The Contribution of Impact Evaluation to Program	
	Design: Honduras and Nicaragua	186
Figures	5	
3.1	Cumulative Geographic Distribution of Social Fund	
	Resources by Municipal or District Poverty Decile	55
3.2	Change in Geographic Targeting over Time	57
3.3	Household Targeting by Social Funds	65
3.4	Geographic Poverty Targeting by the Social Fund and Two	
	Other Social Programs, Peru, 1995	69
3.5	Household Targeting by the Social Fund and	
	Two Other Social Programs, Peru	7 1
3.6	Intradistrict Targeting by the Social Fund and Two	
	Other Social Programs, Peru	73
3.7	Intradistrict Targeting by the Social Fund and Two	
	Other Social Programs, by District Income Group, Peru	74
3.8	Household-Level Poverty Targeting by Sector,	
	Social Funds in Honduras and Nicaragua	76
6.1	Household Perceptions of FONCODES Sewerage	
	Systems in Peru	133