

Contents

| Preface ix | |
|---|---|
| Acknowledgments xiii | |
| Executive Summary xvii | |
| Abbreviations and Acronyms xxxvii | |
| Introduction 1 | |
| Chapter 1: Development, Poverty, and the Environment — Tracing the Connections The Evolution of Thinking about Sustainable Development 3 Tradeoffs, Choices, and Priorities 4 Three Links between Environment and Development 6 The quality of life 7 The quality of growth 9 The quality of the regional and global commons 12 Changing Global Context 14 Increased private sector role 14 Political changes 14 Technological change 14 Population growth and demographic changes 15 Greater Scope for Markets with Effective Public Regulation and Oversight 16 | 3 |
| Chapter 2: Lessons from World Bank Experience 19 | |
| Safeguard Policies and Procedures 19 | |
| Progress made in applying environmental assessment 20 | |
| Areas for further improvement 22 | |
| Emerging challenges 24 | |

| Integration of Environmental Concerns and Economic Development 25 |
|--|
| Setting environmental priorities 25 |
| Lending for environmental activities 27 |
| Lessons from environmental lending 31 |
| Environmental aspects of adjustment lending 33 |
| Addressing Regional and Global Environmental Challenges 34 |
| Projects and programs for the global environment 35 |
| Mainstreaming the global environment in the country dialogue 36 |
| Partnerships 37 |
| The Changing Bank Context 38 |
| New strategic approaches 38 |
| The need for selectivity 40 |
| The Bank's comparative advantage as a basis for selectivity 41 |
| The need for a cross-sectoral approach 42 |
| The need for institutional realignment 43 |
| Notes 43 |
| |
| Chapter 3: The Strategic Framework 45 |
| Our Objectives 46 |
| Improving the quality of life 46 |
| Improving the quality of growth 48 |
| Protecting the quality of the regional and global commons 50 |
| Our Toolkit 52 |
| Strengthening analytical and advisory activities 53 |
| Addressing environmental priorities through projects and programs 56 |
| Improving the safeguard system 60 |
| Selectivity in Implementation 62 |
| ociectivity in imprementation 52 |
| Chapter 4. Institutional Parliament 45 |
| Chapter 4: Institutional Realignment 65 |
| Strengthening Accountability and Incentives 66 |
| Operational departments 66 |
| The environment family 68 |
| Senior management 71 |
| Coordinating across Sectors and Networks in the Bank 71 |
| Improving Skills 73 |
| Continuing to realign the skill mix 74 |
| Joint appointments, secondment, and training 75 |
| Realigning Budgets 76 |
| Managing the transition while exercising selectivity 76 |
| Budget requirements 77 |
| External Relations and Partnerships 78 |
| Realigning with corporate priorities 79 |
| Stocktaking and realignment 80 |

| | Performance Monitoring and Reporting 81 |
|--------------|---|
| | Conclusion 82 |
| AN | NEXES |
| A .] | Regional Strategies 85 |
| | East Asia and the Pacific 87 |
| | Europe and Central Asia 95 |
| | Latin America and the Caribbean 105 |
| | Middle East and North Africa 113 |
| | South Asia 121 |
| | Sub-Saharan Africa 129 |
| _ | |
| B. | Poverty and Environment 139 |
| C. | Environment and Health 147 |
| D. | Natural Resource Management 153 |
| E. | Urban Environmental Priorities 165 |
| F. | Climate Change 173 |
| G. | The IFC's Approach to Environmental and Social Issues — A Roadmap to Sustainable |
| тт | Investment 181 |
| | Multilateral Investment Guarantee Agency 187 The Environment Strategy and the World Bank CEE Brogger 191 |
| I. | The Environment Strategy and the World Bank-GEF Program 191 Consultation Process and Feedback 199 |
| J. K. | |
| L. | Selected Partnerships 207 World Bank Management's Response to OED's Environment Review and |
| L. | Recommendations 211 |
| M. | 74 . 7 . 10 . 10 . 11 |
| 1/1. | Triapping Environmental Conditions 213 |
| Bibl | iography 221 |
| | |
| BOX | XES |
| | 1 Key benchmarks for monitoring Bank performance in Strategy implementation xxvii |
| 1. | .1 Goals for international development 4 |
| 1. | .2 Indicators of sustainable development 5 |
| 1. | .3 From protectionism to sustainable ecosystem management 6 |
| 1. | 4 Environmental degradation and economic productivity 7 |
| 1. | 5 What makes environmental problems different? 9 |
| 1. | |
| | challenges 11 |
| 1. | .7 Global environmental issues 12 |

| 1.8 | Corporate responsibility: The triple bottom line 15 |
|-------------|--|
| 1.9 | Poverty, population, and environment links 16 |
| 2.1 | Community Driven Development: The challenges of acting locally 24 |
| 2.2 | The FY99 Lesotho Country Assistance Strategy 27 |
| 2.3 | Environmental adjustment lending 29 |
| 2.4 | Improving livelihoods by better natural resource management in Nepal 29 |
| 2.5 | Assistance to support payments for environmental services 31 |
| 2.6 | Evaluation of the Bank's past environmental performance 32 |
| 2.7 | IFC-GEF cooperation 36 |
| 2.8 | World Commission on Dams 38 |
| 2.9 | The Comprehensive Development Framework 39 |
| 3.1 | Improving livelihoods through sound management of micro-watersheds 47 |
| 3.2 | The South Asia Urban Air Quality Management Initiative 48 |
| 3.3 | Strengthening national EA capacity: The METAP experience 49 |
| 3.4 | Linking local and global benefits: Energy efficiency projects in China 51 |
| 3.5 | Providing decisionmakers with scientific information: The Millennium Ecosystem |
| | Assessment and the Intergovernmental Panel on Climate Change 52 |
| 3.6 | Strategic environmental assessments 55 |
| 3.7 | Promoting good practice in environmental management 56 |
| 3.8 | How we will work 57 |
| 3.9 | Adaptable Program Loan for improving environmental management in Brazil 57 |
| 3.10 | Capacity development activities by other international organizations 59 |
| 4.1 | Collaborating with the energy sector: Fuel for Thought 73 |
| 4.2 | Partnerships review in the ESSD network 79 |
| A.1 | Analytical work shapes natural resource management in East Asia 89 |
| A.2 | Preparing an environment strategy for East Asia 94 |
| A.3 | Albania: Community-based forest management in a transition economy 99 |
| A.4 | The Clean Air Initiative in Latin American cities 107 |
| A.5 | A regional approach: The Mesoamerican Biological Corridor 109 |
| A.6 | Public consultation during preparation of the LAC Environment Strategy 111 |
| A .7 | Sustainable watershed management in India 123 |
| A.8 | NEAPs and ESPs in Africa 136 |
| A.9 | Partnerships for sustainable development in Africa 137 |
| B.1 | Poverty is multidimensional 139 |
| B.2 | The impacts of fuelwood scarcity on women's health 141 |
| B.3 | Environmental mainstreaming in PRSPs 145 |
| D.1 | Community-based natural resource management 157 |
| D.2 | Linkages between the Environment Strategy and the revised forest strategy 159 |
| E 1 | Supporting the global phaseout of leaded gasoline 167 |

| E.2 F.1 I.1 | Environment in the Bank's urban strategy 170 Strengthening environmentally responsible energy strategies through Energy Environment Reviews 177 World Bank-GEF projects demonstrate innovative approaches to financing sustainable |
|-------------------|--|
| | natural resource management with global and local benefits 194 |
| J.1 | Environment Strategy consultation through the Internet 201 |
| J.2 | Results of an Environment Strategy questionnaire 202 |
| FIGUI | RES |
| 1 | What's new in the Environment Strategy xxviii |
| 2.1 | IBRD/IDA commitments by EA category, fiscal 1990–2000 21 |
| 2.2 | Environmental and safeguard input into the Bank's decisionmaking and project cycle 23 |
| 2.3 | World Bank environmental lending, fiscal 1990–2000 28 |
| 2.4 | GEF and MFMP commitments, fiscal 1992–2000 35 |
| 4.1 | Environment in the ESSD network 69 |
| 4.2 | Environmental interface with other networks and families 72 |
| 4.3 | Cross-sectoral affiliation of environmental staff 74 |
| 4.4 | Realigning partnerships 80 |
| B.1 | Environmental links to the dimensions of poverty 140 |
| B.2 | Peru 1996 health outcomes 142 |
| C.1 | Burden of disease and environmental risks 147 |
| D.1 | The value of water and water-based ecosystems 160 |
| J.1. | Strategy consultations map 200 |
| MAPS | |
| Regiona | al |
| - | East Asia and the Pacific 87 |
| | Europe and Central Asia 95 |
| | Latin America and the Caribbean 105 |
| | Middle East and North Africa 113 |
| | South Asia 121 |
| | Sub-Saharan Africa 129 |
| Enviro | nmental |
| 1 | Gross domestic savings 216 |
| 2 | Genuine savings 216 |
| 3 | Health burden associated with waterborne diseases 217 |
| 4 | Estimated ambient concentration of particulates (PM ₁₀) in urban areas (µg/m³) 217 |

218

5 Population in areas of relative water scarcity

| 6 | Areas of high biodiversity importance 218 | | | |
|-------------|--|--|--|--|
| 7 | Per capita CO ₂ emissions 219 | | | |
| 8 | CO ₂ emissions per PPP-adjusted GDP 219 | | | |
| TABLES | | | | |
| 1 | Strategic framework matrix xxx | | | |
| 2 | Strategy implementation and monitoring matrix xxxiii | | | |
| 4.1 | Institutional accountabilities for promoting environmental sustainability 83 | | | |
| A .1 | Sub-Saharan Africa: Priority environmental issues 134 | | | |
| C.1 | The burden of disease from major environmental risks 149 | | | |
| C.2 | Health outcomes and environmental interventions 152 | | | |
| J.1 | World Bank Environment Strategy consultation schedule 205 | | | |
| K.1 | Selected partnerships 208 | | | |
| L.1 | OED's recommendations and management's action response 212 | | | |