

A WORLD BANK COUNTRY STUDY

Russia

Forest Policy during Transition

Standort: BBF

SUB Göttingen 7
211 758 329



2000 B 1299

M6

*The World Bank
Washington, D.C.*

CONTENTS

Page No.

Foreword	vii
Preface	viii
Abstract	ix
Acknowledgments	x
Abbreviations	xii
Glossary of Russian Terms	xiii
Currency Equivalents	xiv
Executive Summary	1
I. Forest Resources and Sectoral Performance	23
A. Sector Problems	27
Legacy of Overuse	27
Inconsistencies in the Forest Legislation	28
Difficulty in Meeting Environmental Commitments	29
Reduced Accessibility and Weakened Health of Forest Resources	32
Overharvesting of Wildlife, Fish, and Other Nonwood Forest Products	36
Weakening of Forest Research Capabilities	37
B. Environmental Significance	38
National Protected Area System to Conserve Biodiversity	38
Russia's Forest and Global Carbon Balance	39
Other Sources of Environmental Impact	40
C. Economic Significance	41
Wood Production Potential	41
Wood-Dependent Domestic Industries	43
Export Market Potential	44
Taxation and Stumpage Charges	47
Forest and Wood Product Enterprises	49
Processing Technology and Investment	50
Wages and Employment	52
D. Social Significance	52
Forest Communities and the Social Safety Net	53
NGO Linkages and Cooperation	54
E. Forest Management	54
Financing Forest Management	55
Forest Management Planning	55

	Forest Resource Allocation	59
	Harvesting, Reforestation, and Stand Tending.....	60
	Protection against Fire, Insects, and Disease	61
F.	Impact of Transition to Market Economy	63
II.	Key Challenges: Forest Sector Issues during Transition.....	66
A.	Jurisdictional Prerequisites for Sustainable Management	66
	Private or Public Ownership.....	67
	Redefining the Public Role in the Forest Sector.....	68
B.	Promoting Resource Sustainability and Environmental Integrity	70
	Clarifying the Resource Base for Sustainable Production.....	71
	Maintaining Biodiversity	72
	Promoting Sustainability through Land Allocation.....	74
	Rationalizing Regeneration Strategies	77
	Reducing Losses Due to Fire, Insects, and Diseases	78
	Enforcing Environmental Standards in Other Sectors	79
C.	Restructuring the Sector for Sustainability and Economic Viability.....	80
	Rationalizing Resource Pricing.....	80
	Separating Resource Rent Capture from Enterprise Taxation.....	81
	Reducing the Power of Monopolies	82
D.	Social Welfare in the Forest Sector.....	83
	Defining Aboriginal Land Claims in Set-Aside Areas.....	83
	Providing Adequate Social Services in Forest Areas	84
	Setting up Employment Programs for Affected Populations	85
	Meeting the Social Welfare Needs of Indigenous People	86
III.	Some Solutions: Toward an Agenda for Forest Sector Reform	87
A.	Integrating the Forest Sector in Overall Economic Reform	87
B.	Making Forest Management Sustainable.....	89
C.	Rationalizing Public Investment and Expenditures	92
D.	Involving the International Community	94
	Short-Term Support (over the next two years)	97
	Medium-Term Support (over the next two to five years).....	99
	Long-Term Support (over the next decade)	99
E.	Proposed Follow-Up Studies	100
	References	103
	Glossary of Forest Terms	106

Annexes	111
Annex A:	Forest Resources and Forest Management	112
Annex B:	Institutional Framework for the Forest Sector	145
Annex C:	Evolution of Forest Legislation in the Russian Federation.....	169
Annex D:	Status of Forest Industry, Trade, Prices, and Tax Revenues.....	185
Annex E:	Transport and Port Facilities for Sustainable Forest Development	212
Annex F:	Status of Privatization and Enterprise Reform in the Forest Sector	218
Annex G:	Poverty, Unemployment, and the Social Safety Net in Forest Communities	225
Annex H:	Status of the Protected Area System for the Forest Sector.....	242
Annex I:	Wildlife Management and Sustainable Forest Development.....	246
Annex J:	International Best Practices in Sustainable Forest Development.....	258
Annex K:	Donor Programs in Russia's Forest Sector	275

Maps

IBRD 27086R:	Forest Types and Protected Areas
IBRD 27087R:	Wood Industry Locations and Wood Flow Pattern.
IBRD 28353:	Forest Fire Protection
IBRD 28354:	Forest Management and Research Institutions