DETAILED TABLE OF CONTENTS

Foreword by Sir Andrew Wood	V
Acknowledgements	VII
List of Abbreviations	XI
Environmental finance and socially responsible business in Russia – An introduction	1
Fiona Mucklow and Wybe Th. Douma	
Environmental finance in Russia – Tides of change?	1
Old perceptions and new circumstances	4
Outline of the book	5
Overview of chapters	7
Legal and Policy Perspectives	8
Practical Trends and Synergies	12
CSR and philanthropy	14
Concluding remarks	15

Part I: Overview and First Comments

Chapter 1	
The Russian economy in perspective	19
Philip Hanson	
The growth record	19
1989 – late 1990s	19
1990s and beyond	20
Summary	21
Future tendencies	22
Policies	22
<i>Macro-economics</i>	22
Micro-economics	23
State acquisitions and other sector developments	23
Property rights and rule of law	24
Foreign investment	24
Summary	25
Environmental issues	25
Energy efficiency	26
Environmental policies and investments	27
Conclusions	27

Chapter 2	
Environmentally and socially responsible business in Russia: why bother? Godfrey Cromwell	29
A tradition of plenty	29
New ways?	29
What is it like doing business in Russia?	30
Recipe for success?	31
What about green investment and socially responsible business in Russia?	31
Future path	32
Is green investment good business?	32
So where does this take us?	33
Chapter 3	
The importance of socially responsible investing to promote sustainable	35
investments in Russia Tatiana V. Guseva	35
	35
Background Sustainable development in Russia	36
Environmental responsibility of business	37
Safety	37
Historical background	38
Russian perspectives on SRI	38
Foreign investors and SRI	39
Concluding remarks	40
Part II: Legal and Policy Perspectives	
Chapter 4	
Russian environmental law – An overview for businesses Daria N. Ratsiborinskaya	45
Environmental problems in Russia	45
Russian economy and the environment in context	47
Russian institutions and judicial system	48
Institutions	48
Environmental institutions in Russia	49
Regional level	51
Municipal regulations	52
Judicial and arbitration practices	52
Appeals	53
General Russian environmental law	54
Federal environmental legislation – an overview	54
Strategic approach: 'End-of-Pipe'	56
Environmental impact assessments	57
Environmental permits	59
Quality of goods, production processes	61
Liabilities	62
Environmental insurance	64

New (environmental) legislation underway	64
New steps towards cleaner production	65
Conclusions	67
Chapter 5 Russian NGOs and public participation – Legal and practical perspectives <i>Olga A. Razbash</i>	69
Sustainable development and public participation in Russia	69
Sustainable development in Russia	69
International framework – public participation	70
Public participation in Russia	70
Businesses and public participation	72
Public participation under Russian law	72
Public participation / control rights	74
Environmental decision-making	74
Definition of 'public'	74
Procedures and forms of public participation	75
EIAs, public hearings and business	76
Public environmental 'control'	76
Environmental Impact Assessments	77
Positive effects of public participation	78
NGOs and public participation: Russian Regional Environment Center	79
RREC and business support and cooperation	80
Concluding remarks	83
Chapter 6 Harmonisation of Russian law environmental standards with EU legislation Dietrich Hahn and Michael Begak	85
HES II Project	85
Institutional issues	87
Environmental impact assessment	88
Environmental auditing	90
Environmental certification	91
Environmental monitoring	92
BAT / BREF	93
Environmental permitting	94
Environmental pollution charges	95
Environmental Quality Standards	96
Ambient air quality standards	96
Sanitary protection zones	97
Water quality standards	97
Environmental insurance and liability	98
Conclusion	99

Chapter 7 Mechanisms to promote green business in Russia <i>Soili Nystén-Haarala</i>	101
Introduction	101
The need for green business	102
General legal framework – overview and key issues	104
General structure of environmental legislation	104
Federal v. regional legislation	106
The battle for private ownership	107
Environmental permits, quality standards and inspections	109
Licences and permits to use natural resources	110
Quality standards and emissions standards	111
Administration of environmental matters – inspections	112
Environmental programmes	113
Tax legislation and incentives	113
Credits for green business	115
Small enterprises	115
Strategies of enterprises for promoting environmentally friendly investments	115
Environmental plans	116
Infrastructure assistance	116
'Green' certification	118
Concluding remarks	119
Chapter 8 Environmental policy and the international competitiveness of the Russian economy Evgeny A. Shvarts and Ivetta Gerasimchuk	121
Introduction – Russia's competitive advantages	121
Environmental problems in the Russian economy	123
Modernization of the Russian Environmental Management System (EMS)	123
Voluntary market-oriented mechanisms of environmental responsibility	124
Forest certification	120
International management standards and non-financial reporting	127
Measures to promote voluntary market mechanisms	127
Energy and environmental efficiency	129
International environmental law	130
Conclusion	131
Chapter 9	
Environmental education and capacity building in Russia Tatiana V. Guseva	133
Tradition (USSR rooted) environmental education	133
Methodological Councils	135
Educational standards	135
Environmental science in Russia	136
'Imported' approaches of environmental education	137
New environmental programmes	138
Education in sustainable development	138

Next steps	139
Environmental capacity building	140
Producers	140
Regulators	141
Environmental consultants	142
Environmental NGOs	142
Business and environmental education and capacity building	143
Concluding remarks	143
Chapter 10	
Green public procurement: Using European experiences in Russia Ekaterina N. Khmeleva	145
Green public procurement policies outside Russia	146
European Union	146
Russian laws and regulatory framework on public procurement	148
Federal public procurement	149
Public procurement on federal, regional and municipal levels	149
Options for Green Public Procurement Laws in Russia	150
Origin of goods and environmental sustainability	150
Energy efficiency	151
Suggestions for Reform of Russian Public Procurement Law and Policies	151
Amending and supplementing federal laws and regulatory acts	152
Approval of regulatory acts of federal ministries and agencies	152
Formulation of public procurement policies (strategies)	153
Approval of general regulatory acts	154
Concluding remarks	154
Chapter 11	
Can Russia become a 'Green Investor' in Southern Africa?	157
Ivetta Gerasimchuk	
Introduction – Russian FDI in Southern Africa	157
Russia's interests in Southern Africa	158
Russian companies in Southern Africa	159
Trends of Russian business in Southern Africa	161
Socio-environmental potential of Russia-Southern African cooperation	162
Enhancing sustainability of Russian businesses	164
Russia's role in guaranteeing regional energy security	164
Uranium and nuclear energy	165
Renewable energy	165
Climate change and Joint Implementation projects	166
Conclusions	167
Chapter 12	1/0
The EBRD and Russia: Stimulating European Principles for the Environment <i>Wybe Th. Douma</i>	169
Introduction	169
The EBRD	170
Purpose and functions	170

The EBRD Environmental and Social Policy taking shape	171
European Principles for the Environment	172
EBRD 2008 Environmental and Social Policy and Performance Requirements	174
EBRD complaints mechanism and the 2003 Environmental Policy	175
EBRD projects in Russia	177
Russian democracy and pluralism	177
Forestry waste to heat remote Siberian settlement	178
Sakhalin II	179
Concluding remarks	184

Part III: Practical Trends and Synergies

A. Business, NGOs and environmental projects

Chapter 13	
Involving Russian business in Kyoto	189
Michael Yulkin	
Introduction	189
Kyoto – implementation models	190
EU and USA	190
Russia	190
JI in Russia	192
Capping Russia's GHG emissions post 2012	194
How to best control GHG emissions?	195
Direct and indirect control	195
Creating RF ETS	196
Other mechanisms	197
Russian business taking the lead	197
Tackling climate and GHG emissions at corporate level	198
Archangelsk Pulp and Paper Mill	199
Final remarks	201
Chapter 14	
The changing context for investment in green projects in Russia Jonti Small, Trevor Barton and James Lanman	203
The political environment	204
'Legal nihilism'	204
The 'international arena'	205
Environmental investment to date	206
Kyoto: 'Greening' Russia or an opportunity being lost?	207
JI projects: theory and reality	208
Why has Kyoto disappointed?	209
Kyoto going forward	209
Key considerations and conclusions	210

Chapter 15 Russian National Pollution Abatement Facility: Practice and results <i>Yurij L. Maksimenko</i> and <i>Irina D. Gorkina</i>	213
National Pollution Abatement Facility	213
Environmental investment projects	214
NPAF project cycle and implementation	215
Arkhangelsk Pulp and Paper Mill Project	217
APPM Second Project	221
Volgograd Project and other projects	222
NPAF Funds – applications and transparency	223
Concluding remarks	224
Chapter 16	
Environmental management systems in Russia: The delayed wave Sergey Dayman	225
Late introduction of EMS into Russia	225
Slow uptake in business	227
Who was the first?	228
The path that Russians followed	228
Current business practice	231
Concluding remarks	232
Chapter 17 Renewable energy opportunities on the Kola Peninsula <i>Nina Lesikhina</i> and <i>Michele Hege Grønbech</i>	235
Introduction - clean energy and the Kola Peninsula	235
The significance of renewable energy for the Kola Peninsula	236
The potential for renewable energy on the Kola Peninsula	239
Solar energy	239
Wind energy	240
The energy of small rivers	241
Tidal energy	242
Wave energy	243
Bioenergy (biofuels) resources	244
Regional initiatives	245
Bellona's initiative	246
Conclusion	247
Chapter 18 Investments in Murmansk Oblast and Pomor Region – Some reflections Jeffrey Roberts	249
The share market: the road not taken	250
Cultural and geographical problems	251
Language	251
Some geographical pointers – North West Russia	252
Other institutions	253

The Barents Sea region and the Arctic of North America - frontier investment opportunities

The Datents Sea region and the rifede of rotal rifetie and the same in	
opportunities	253
Changing investment opportunities	253
Gas reserves and exploration	254
Training in Murmansk and Archangel'sk Oblasts	255
The Pomor Region	255
Investment opportunities – responsible minerals exploitation and mining	256
Apatite	257
Platinum and possible multi-regional cooperation	257
Renewable energy in the Far North	258
Sokli-Kovdor: the \$20bn missed opportunity for cross-border business?	258
Sokli phosphates	259
Kovdor minerals	260
Infrastructure requirements	261
Technical problems	261
Food for thought: Cross-border language teaching in remote holiday areas?	262
Concluding remarks	262

B. CSR & philanthropy

Chapter 19	
Developing corporate social responsibility in Russia: The role of the United	
Nations Development Programme	267
Alexey E. Kostin	
CSR and sustainable development	268
Russian business, CSR and sustainable development	268
Non-financial reporting in Russia	271
CSR and attracting investments	271
Changing direction – CSR principles	272
Corporate governance and CSR	273
Corporate governance and non-financial reporting in Russia	274
International organizations and UN Global Compact	275
UNDP Russia and CSR	276
UNGC-Russia Network 2008	276
Reports on Social Investment in Russia	276
International conferences and CSR in Russia	277
Principles for responsible investing	278
Global Compact Leaders Summit	279
Impact of financial crisis on CSR	279
Concluding remarks	280
Chapter 20	
Russia: Corporate social responsibility in a post-socialist state Sergey Dayman	283
Social and economic background	283
First steps towards CSR	284
Governmental promotion of CSR	285
Social reports	286
Concluding remarks	287

289
289 290 290 292 294 295 296
297
313
323
329
337
339
343