

APPENDIX D: THE BANK'S ENVIRONMENT AND NATURAL RESOURCE
MANAGEMENT (ENRM) PORTFOLIO

Table D.1: Share of ENRM Operations in Total Bank Operations, Fiscal Years 1990–2008

Approval year	Number of operations ^a			Commitments (US\$ millions) ^b		
	ENRM operations	All Bank operations	Percent of total	ENRM operations	All Bank operations	Percent of total
1990	24	222	11	2,153	20,702	10
1991	21	230	9	2,119	22,630	9
1992	36	228	16	2,867	21,718	13
1993	43	305	14	3,405	23,600	14
1994	52	324	16	3,712	20,992	18
1995	65	351	18	3,268	23,097	14
1996	50	369	14	2,618	21,701	12
1997	47	361	13	2,575	19,603	13
1998	47	401	12	2,732	28,871	9
1999	46	405	11	1,614	29,684	5
2000	47	334	14	2,004	15,938	13
2001	52	349	15	1,527	18,159	8
2002	31	333	9	1,065	21,283	5
2003	44	349	13	1,240	18,997	7
2004	51	371	14	1,521	20,720	7
2005	76	418	18	2,840	23,136	12
2006	69	418	17	2,602	25,635	10
2007	66	467	14	2,309	25,857	9
2008	70	451	15	2,989	25,723	12
Total	937	6,686	14	45,160	428,046	11

Source: World Bank data.

a. Weighted by the share of each project assigned to the environment themes.

b. Share of total commitments assigned to the environment themes.

Table D.2: ENRM Operations by Type of Instrument, Fiscal Years 1990–2008

Approval year	Number of operations ^a			Commitments (US\$ millions) ^b		
	Investment operations	Development policy operations	Total	Investment operations	Development policy operations	Total
1990	58	3	61	2,128	25	2,153
1991	54	2	56	1,955	164	2,119
1992	81	3	84	2,855	12	2,867
1993	83	4	87	3,314	90	3,405
1994	95	4	99	3,657	55	3,712
1995	101	5	106	3,225	42	3,268
1996	95	3	98	2,591	28	2,618
1997	97	3	100	2,471	104	2,575
1998	110	3	113	2,561	171	2,732
1999	88	8	96	1,250	362	1,612
2000	90	4	94	1,937	67	2,004
2001	84	4	88	1,505	20	1,525
2002	77	3	80	879	186	1,065
2003	86	6	92	1,064	176	1,240
2004	113	5	118	1,463	59	1,521
2005	140	8	148	2,031	809	2,840
2006	135	9	144	2,328	274	2,602
2007	140	7	147	1,977	332	2,309
2008	133	10	143	2,265	724	2,989
Total	1,860	94	1,954	41,456	3,700	45,156

Source: World Bank data.

a. Number of operations with at least one environment theme.

b. Share of total commitments assigned to the environment themes.

Table D.3: ENRM Operations by Source of Financing, Fiscal Years 1995–2001 and 2002–08

Source of financing	Approval years			
	Fiscal 1995–01		Fiscal 2002–08	
	Number of operations	Commitments (US\$ millions)	Number of operations	Commitments (US\$ millions)
IBRD/IDA projects				
Investment projects	486	14,269	434	9,325
Development policy lending	30	793	46	2,550
Guarantees	4	174	3	45
Subtotal	520	15,236	483	11,920
Bank-implemented GEF projects				
World Bank/GEF blends ^a	(31)	169	(59)	312
Freestanding GEF projects	67	451	128	813
Medium-size GEF projects ^b	41	23	53	34
Subtotal	139	644	240	1,159
Selected trust funds				
Montreal Protocol	18	400	3	48
Carbon Offsets	1	0	101	1,173
Other trust funds	17	55	45	264
Subtotal	36	455	149	1,483
Total^c	664	16,334	813	14,562
Annual average	95	2,333	116	2,080

Source: World Bank data.

a. These commitment amounts include the GEF commitments to the 31 blended projects in 1995–2001 and 59 blended projects in 2002–08. All but one of these projects (Cameroon in fiscal 2006) were investment operations.

b. These projects are for less than \$1.0 million.

c. These totals count World Bank/GEF blends as one project.

Table D.4: ENRM Global/Regional Operations by Source of Financing, Fiscal Years 1995–2001 and 2001–08

Source of financing	Approval years			
	Fiscal 1995–01		Fiscal 2002–08	
	Number of operations	Commitments (US\$ millions)	Number of operations	Commitments (US\$ millions)
IBRD/IDA projects				
IBRD investment projects	4	102.3	6	115.4
IDA investment projects	7	67.1	13	309.7
IDA guarantees	0	0.0	1	16.5
Subtotal	11	169.4	20	441.7
Bank-implemented GEF projects				
World Bank/GEF blends ^a	(4)	39.2	(3)	21.4
Freestanding GEF projects	17	94.6	40	241.2
Medium-size GEF projects ^b	3	2.0	8	5.9
Subtotal	24	135.7	51	268.6
Selected trust funds				
Rainforest Trust Fund	8	6.6	11	16.2
Carbon Offsets	0	0.0	2	3.0
Other trust funds	1	4.3	4	48.1
Subtotal	9	10.9	17	67.4
Total^c	40	316.0	85	777.6
Annual average	6	45.1	12	111.1

Source: World Bank data.

a. These commitment amounts include the GEF commitments to the four blended projects in 1995–2001 and the one blended project in 2002–08.

b. These projects are for less than \$1 million.

c. These totals count World Bank/GEF blends as one project.

Table D.5: ENRM Operations by Source of Financing and Theme, Fiscal Years 1995-2001 and 2002-08 (US\$ millions commitments)

Theme	IBRD/IDA investment operations		IBRD/IDA development policy operations		GEF		Other trust funds		Total	
	1995-2001	2002-08	1995-2001	2002-08	1995-2001	2002-08	1995-2001	2002-08	1995-2001	2002-08
Pollution management and environmental health	4,902	2,942	175	277	144	145	322	142	5,544	3,506
Water resources management	3,214	2,643	75	264	33	71	8	129	3,329	3,108
Climate change	1,431	1,150	25	383	81	312	115	1,156	1,652	3,001
Environmental policies and institutions	2,388	946	261	1,024	203	234	182	24	3,034	2,228
Land administration and management	1,606	992	217	412	24	82	1	35	1,848	1,521
Biodiversity	282	282	0	130	145	255	0	6	427	673
Other environment and natural resources management	446	362	39	59	14	68	1	41	500	530
Total	14,269	9,317	793	2,550	644	1,167	628	1,533	16,334	14,566

Source: World Bank data.

Table D.6: ENRM Operations by Source of Financing and Sector Board, Fiscal Years 1995–2001 and 2002–08 (US\$ millions commitments)

Sector Board	IBRD/IDA investment operations		IBRD/IDA development policy operations	
	1995–2001	2002–08	1995–2001	2002–08
Agriculture and Rural Development	3,822	2,700	358	173
Environment	1,596	744	25	1,657
Energy and Mining	3,299	1,403	219	118
Water	2,614	2,423	0	49
Transport	1,624	758	29	4
Urban Development	1,018	1,158	0	80
Other sector boards	296	138	163	468
Total	14,269	9,325	793	2,550
Percentage of total				
Agriculture and Rural Development	27	29	45	7
Environment	11	8	3	65
Energy and Mining	23	15	28	5
Water	18	26	0	2
Transport	11	8	4	0
Urban Development	7	12	0	3
Other sector boards	2	1	21	18
Total	100	100	100	100

Source: World Bank data.

GEF		Other trust funds		Total	
1995-2001	2002-08	1995-2001	2002-08	1995-2001	2002-08
99	151	2	66	4,347	3,090
394	578	409	1,108	2,424	4,086
131	316	15	150	3,772	2,033
7	60	24	101	2,646	2,634
1	38	0	2	1,654	801
11	6	3	14	1,031	1,258
1	10	1	42	461	660
644	1,159	455	1,484	16,334	14,562
15	13	0	4	27	21
61	50	90	75	15	28
20	27	3	10	23	14
1	5	5	7	16	18
0	3	0	0	10	6
2	0	1	1	6	9
0	1	0	3	3	5
100	100	100	100	100	100

Table D.7: Share of ENRM Projects and Commitments in the Total Number of Projects and Volume of Commitments to Each Sector Board, 1995–2008

Sector Board	ENRM as percent of total		Total
	1995–2001	2002–08	
Number of projects			
Environment	95	99	97
Water	85	68	75
Energy and Mining	68	62	64
Agriculture and Rural Development	56	57	56
Urban Development	51	35	41
Transport	24	19	21
Other sector boards	3	5	4
Total	32	34	33
Commitments (US\$ millions)			
Environment	62	85	75
Water	41	30	34
Energy and Mining	22	15	19
Agriculture and Rural Development	25	19	22
Urban Development	18	11	13
Transport	8	3	6
Other sector boards	1	1	1
Total	10	9	10

Source: World Bank data.

Number of ENRM projects			Total number of projects		
1995-2001	2002-08	Total	1995-2001	2002-08	Total
179	249	428	189	252	441
87	99	186	102	146	248
117	164	281	172	264	436
181	202	383	323	357	680
47	55	102	92	157	249
47	39	86	193	208	401
37	63	100	1,078	1,177	2,255
695	871	1,566	2,149	2,561	4,710
2,424	4,086	6,509	3,895	4,825	8,720
2,646	2,634	5,280	6,520	8,842	15,361
3,772	2,033	5,805	16,950	13,642	30,592
4,347	3,090	7,437	17,247	16,633	33,880
1,031	1,258	2,290	5,647	11,731	17,378
1,654	801	2,455	19,879	23,375	43,254
461	660	1,120	86,915	82,338	169,253
16,334	14,562	30,897	157,053	161,386	318,439

Table D.8: ENRM Operations by Sector Board, Fiscal Years 1995–2001 and 2002–08

Sector Board	Number of operations			Commitments (US\$ millions)		
	1995–2001	2002–08	Total	1995–2001	2002–08	Total
Agriculture and Rural Development	181	202	383	4,347	3,090	7,437
Environment	179	249	428	2,424	4,086	6,509
Energy and Mining	117	164	281	3,772	2,033	5,805
Water	87	99	186	2,646	2,634	5,280
Transport	47	39	86	1,654	801	2,455
Urban Development	47	55	102	1,031	1,258	2,290
Public Sector Governance	6	14	20	85	234	319
Economic Policy	13	13	26	122	155	277
Financial and Private Sector Development	6	13	19	91	83	174
Education	3	3	6	108	17	126
Poverty Reduction	0	7	7	0	85	85
Social Protection	6	4	10	43	32	76
Social Development	2	8	10	8	52	60
Health, Nutrition, and Population	1	1	2	3	1	4
Total	695	871	1,566	16,334	14,562	30,897
Percent of total						
Agriculture and Rural Development	26	23	24	27	21	24
Environment	26	29	27	15	28	21
Energy and Mining	17	19	18	23	14	19
Water	13	11	12	16	18	17
Transport	7	4	5	10	6	8
Urban Development	7	6	7	6	9	7
Public Sector Governance	1	2	1	1	2	1
Economic Policy	2	1	2	1	1	1
Financial and Private Sector Development	1	1	1	1	1	1
Education	0	0	0	1	0	0
Poverty Reduction	0	1	0	0	1	0
Social Protection	1	0	1	0	0	0
Social Development	0	1	1	0	0	0
Health, Nutrition, and Population	0	0	0	0	0	0
Total	100	100	100	100	100	100

Source: World Bank data.

Table D.9: ENRM Operations by Region, Fiscal Years 1995–2001 and 2002–08

Region	Number of operations			Commitments (US\$ millions)		
	1995–2001	2002–08	Total	1995–2001	2002–08	Total
Africa	141	216	357	1,893	1,688	3,582
East Asia and the Pacific	126	160	286	5,716	5,097	10,814
Europe and Central Asia	153	168	321	2,559	2,282	4,841
Latin America and the Caribbean	153	202	355	2,821	2,516	5,336
Middle East and North Africa	55	55	110	931	831	1,762
South Asia	66	68	134	2,394	2,134	4,528
Global	1	2	3	20	14	34
Total	695	871	1,566	16,314	14,548	30,862
	Percent of total					
Africa	20	25	23	12	12	12
East Asia and the Pacific	18	18	18	35	35	35
Europe and Central Asia	22	19	20	16	16	16
Latin America and the Caribbean	22	23	23	17	17	17
Middle East and North Africa	8	6	7	6	6	6
South Asia	9	8	9	15	15	15
Global	0	0	0	0	0	0
Total	100	100	100	100	100	100

Source: World Bank data.

Table D.10: Incidence of ENRM Themes by Sector Board, Fiscal Years 1995–2008

Theme	Agriculture & Rural		Energy &	Urban			Other	Total
	Environment	Development	Mining	Water	Development	Transport		
Number of projects^a								
Environmental policies and institutions	266	102	62	39	14	22	28	533
Biodiversity	226	88	1	6	2	2	10	335
Pollution management and environmental health	148	42	103	132	54	57	8	544
Land administration and management	94	141	8	6	26	2	32	309
Water resources management	87	149	15	103	25	7	11	397
Climate change	93	21	191	8	10	8	9	340
Other environment and natural resources management	76	75	15	1	1	3	19	190
Total	990	618	395	295	132	101	117	2,648
Commitments (US\$ millions)								
Environmental policies and institutions	1,956	977	845	482	155	509	339	5,263
Biodiversity	599	399	1	29	7	19	47	1,101
Pollution management and environmental health	1,339	413	1,968	2,664	1,004	1,587	75	9,050
Land administration and management	430	1,855	132	91	598	3	261	3,369
Water resources management	611	3,015	167	1,899	439	186	119	6,437
Climate change	1,439	104	2,641	115	73	135	145	4,653
Other environment and natural resources management	142	674	51	0	13	16	135	1,031
Total	6,516	7,437	5,805	5,280	2,290	2,455	1,122	30,905
Percent of total commitments								
Environmental policies and institutions	30	13	15	9	7	21	30	17
Biodiversity	9	5	0	1	0	1	4	4
Pollution management and environmental health	21	6	34	50	44	65	7	29
Land administration and management	7	25	2	2	26	0	23	11
Water resources management	9	41	3	36	19	8	11	21
Climate change	22	1	45	2	3	6	13	15
Other environment and natural resources management	2	9	1	0	1	1	12	3
Total	100	100	100	100	100	100	100	100

Source: World Bank data.

a. Number of projects in which each theme occurs. The differences among sector boards are significant at the 1 percent level.

Table D.11: Incidence of ENRM Themes by Region, Fiscal Years 1995–2008

Theme	Africa	East Asia & Pacific	Europe & Central Asia	Latin America & Caribbean	Middle East & North Africa	South Asia	Global	Total
Number of projects^a								
Environmental policies and institutions	138	82	95	146	33	38	1	533
Biodiversity	109	42	41	118	10	13	2	335
Pollution management and environmental health	77	111	164	89	59	44		544
Land administration and management	74	49	67	95	9	15		309
Water resources management	90	67	80	65	51	43	1	397
Climate change	55	91	76	75	15	28		340
Other environment and natural resources management	69	29	27	53	6	6		190
Total	612	471	550	641	183	187	4	2,648
Commitments (US\$ millions)								
Environmental policies and institutions	713	1,433	604	1,483	196	824	10	5,263
Biodiversity	264	176	85	437	14	101	23	1,101
Pollution management and environmental health	755	3,517	1,673	1,108	714	1,283		9,050
Land administration and management	406	1,017	839	765	74	268		3,369
Water resources management	795	1,912	867	848	625	1,389	1	6,437
Climate change	350	2,440	671	537	110	545		4,653
Other environment and natural resources management	301	318	101	160	34	116		1,031
Total	3,583	10,814	4,841	5,339	1,767	4,528	34	30,905
Percent of total commitments								
Environmental policies and institutions	20	13	12	28	11	18	29	17
Biodiversity	7	2	2	8	1	2	69	4
Pollution management and environmental health	21	33	35	21	40	28	0	29
Land administration and management	11	9	17	14	4	6	0	11
Water resources management	22	18	18	16	35	31	2	21
Climate change	10	23	14	10	6	12	0	15
Other environment and natural resources management	8	3	2	3	2	3	0	3
Total	100	100	100	100	100	100	100	100

Source: World Bank data.

a. Number of projects in which each theme occurs. The differences among sector boards are significant at the 1 percent level.

Table D.12: ENRM Analytical and Advisory Services by Type of Activity and Source of Funding, Fiscal Years 2002–08

	2002	2003	2004	2005	2006	2007	2008	Total
Number of activities^a								
ESW	33	56	72	66	61	64	62	414
TA	43	42	41	68	24	56	65	339
Grand total	76	98	113	134	85	120	127	753
Expenditures (US\$ thousands)^b								
ESW								
Bank administrative budget	1,746	2,853	3,611	4,796	7,396	5,874	5,620	31,896
Bank-administered trust fund	1,501	734	2,029	3,818	5,838	3,173	5,375	22,469
Total	3,247	3,588	5,640	8,614	13,235	9,046	10,995	54,365
TA								
Bank administrative budget	2,910	2,523	2,409	3,689	1,082	4,325	3,445	20,382
Bank-administered trust fund	1,424	3,345	6,398	7,142	3,751	5,370	3,884	31,314
Total	4,334	5,868	8,807	10,831	4,833	9,695	7,328	51,696
AAA total								
Bank administrative budget	4,656	5,376	6,020	8,485	8,478	10,199	9,065	52,278
Bank-administered trust fund	2,925	4,080	8,428	10,961	9,589	8,543	9,259	53,783
Total	7,581	9,456	14,447	19,445	18,067	18,741	18,324	106,062

Source: World Bank data.

a. Activities with at least one environmental theme.

b. Share of total expenditures assigned to the environment themes.

Table D.13: ENRM Analytical and Advisory Services by Country Level versus Global/Regional Level, Fiscal Years 2002–08

Type of activity	Number of activities ^a	Expenditures (US\$ thousands)			Percent ^b		
		Bank administrative budget	Bank-administered trust fund	Total	Bank administrative budget	Bank-administered trust fund	Total
Country-level activities							
ESW	312	25,372	14,668	40,040	24	14	38
TA	259	12,480	12,511	24,992	12	12	24
Subtotal	571	37,852	27,179	65,032	36	26	61
Global/regional activities							
ESW	102	6,524	7,801	14,325	6	7	14
TA	80	7,902	18,803	26,705	7	18	25
Subtotal	182	14,426	26,604	41,030	14	25	39
All activities							
ESW	414	31,896	22,469	54,365	30	21	51
TA	339	20,382	31,314	51,696	19	30	49
Total	753	52,278	53,783	106,061	49	51	100

Source: World Bank data.

a. Activities with at least one environmental theme.

b. Share of total expenditures assigned to the environment themes.

Table D.14: ENRM Analytical and Advisory Services by Sector Board, Fiscal Years 2002–08

Sector Board	Number of activities			Expenditures (US\$ thousands)		
	ESW	TA	Total	ESW	TA	Total
Environment	144	187	331	26,957	25,335	52,292
Agriculture and Rural Development	88	42	130	11,476	6,010	17,486
Energy and Mining	89	44	133	7,382	8,878	16,260
Water	41	30	71	5,747	6,230	11,977
Financial and Private Sector Development		9	9		3,278	3,278
Urban Development	11	7	18	952	755	1,707
Economic Policy	15	5	20	837	298	1,136
Social Development	8	6	14	477	517	994
Poverty Reduction	6	2	8	258	40	299
Transport	6	1	7	172	13	186
Public Sector Governance	2	1	3	65	11	75
Other	4	5	9	42	330	372
Total	414	339	753	54,365	51,696	106,062
	Percent of total					
Environment	35	55	44	50	49	49
Agriculture and Rural Development	21	12	17	21	12	16
Energy and Mining	21	13	18	14	17	15
Water	10	9	9	11	12	11
Financial and Private Sector Development	0	3	1	0	6	3
Urban Development	3	2	2	2	1	2
Economic Policy	4	1	3	2	1	1
Social Development	2	2	2	1	1	1
Poverty Reduction	1	1	1	0	0	0
Transport	1	0	1	0	0	0
Public Sector Governance	0	0	0	0	0	0
Other	1	1	1	0	1	0
Total	100	100	100	100	100	100

Source: World Bank data.

Table D.15: ENRM Analytical and Advisory Services by Region, Fiscal Years 2002–08

Region	Number of activities			Expenditures (US\$ thousands)		
	ESW	TA	Total	ESW	TA	Total
Africa	89	76	165	9,897	15,429	25,326
East Asia and the Pacific	80	110	190	12,586	14,451	27,036
Europe and Central Asia	82	47	129	8,978	6,120	15,097
Latin America and the Caribbean	37	17	54	5,766	999	6,764
Middle East and North Africa	48	49	97	4,275	6,917	11,192
South Asia	44	27	71	9,505	2,952	12,457
Africa	34	13	47	3,359	4,829	8,188
Total	414	339	753	54,365	51,696	106,062
	Percent of total					
Africa	21	22	22	18	30	24
East Asia and the Pacific	19	32	25	23	28	25
Europe and Central Asia	20	14	17	17	12	14
Latin America and the Caribbean	9	5	7	11	2	6
Middle East and North Africa	12	14	13	8	13	11
South Asia	11	8	9	17	6	12
Africa	8	4	6	6	9	8
Total	100	100	100	100	100	100

Source: World Bank data.