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Emission trends: summary [(1)]

(Sheet 1 of 3)

GREENHOUSE GAS EMISSIONS	Base year[a]	1990	1991	1992	1993	1994	1995	1996	1997
	kt CO_2 eq								
CO_2 emissions without net CO_2 from LULUCF	436,203.83	436,203.83	435,937.70	435,534.56	429,157.35	421,404.21	447,200.96	440,234.64	444,054.53
CO_2 emissions with net CO_2 from LULUCF	428,785.26	428,785.26	414,523.58	415,654.72	423,140.74	402,642.25	423,109.96	415,769.51	428,049.59
CH_4 emissions without CH_4 from LULUCF	53,966.26	53,966.26	55,308.41	53,432.05	53,046.37	53,447.86	54,022.53	54,743.93	55,344.63
CH_4 emissions with CH_4 from LULUCF	55,639.66	55,639.66	56,010.31	54,254.57	54,776.69	54,414.85	54,406.81	55,161.02	56,329.30
N_2O emissions without N_2O from LULUCF	27,129.76	27,129.76	28,057.51	27,590.92	28,101.85	27,494.72	28,520.46	28,533.84	29,552.76
N_2O emissions with N_2O from LULUCF	27,435.37	27,435.37	28,260.14	27,796.34	28,422.40	27,763.92	28,662.36	28,683.59	29,749.91
HFCs	444.00	444.00	449.30	453.40	449.28	588.83	813.44	551.05	957.97
PFCs	2,906.86	2,906.86	2,509.91	1,818.77	1,672.06	1,422.70	1,450.33	1,180.36	1,211.46
Unspecified mix of HFCs and PFCs	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
SF_6	407.61	407.61	430.00	431.79	443.36	486.54	663.78	741.15	785.11
NF3	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Total (without LULUCF)	521,058.31	521,058.31	522,692.84	519,261.48	512,870.27	504,844.86	532,671.50	525,984.97	531,906.45
Total (with LULUCF)	515,618.76	515,618.76	502,183.23	500,409.58	508,904.53	487,319.08	509,106.68	502,086.68	517,083.34
Total (without LULUCF, with indirect)	521,058.31	521,058.31	522,692.84	519,261.48	512,870.27	504,844.86	532,671.50	525,984.97	531,906.45
Total (with LULUCF, with indirect)	515,618.76	515,618.76	502,183.23	500,409.58	508,904.53	487,319.08	509,106.68	502,086.68	517,083.34

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year[a]	1990	1991	1992	1993	1994	1995	1996	1997
	kt CO_2 eq								
1. Energy	421,288.49	421,288.49	421,601.47	420,680.47	417,161.15	410,315.91	434,689.36	430,301.74	434,257.64
2. Industrial processes and product use	40,313.03	40,313.03	39,893.94	39,291.08	36,307.24	34,887.43	37,957.44	34,923.24	35,540.59
3. Agriculture	36,197.40	36,197.40	36,848.65	36,252.58	36,601.97	36,218.01	36,210.27	35,986.86	36,690.71
4. Land Use, Land-Use Change and Forestry[b]	-5,439.56	-5,439.56	-20,509.61	-18,851.90	-3,965.74	-17,525.77	-23,564.82	-23,898.29	-14,823.11
5. Waste	23,259.39	23,259.39	24,348.78	23,037.34	22,799.91	23,423.51	23,814.43	24,773.13	25,417.51
6. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total (including LULUCF)	515,618.76	515,618.76	502,183.23	500,409.58	508,904.53	487,319.08	509,106.68	502,086.68	517,083.34

Note: All footnotes for this table are given on sheet 3.

[1] The common tabular format will be revised, in accordance with relevant decisions of the Conference of the Parties and, where applicable, with decisions of the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol."

Table 1

ITA_BR2_v1.0

Emission trends: summary [(1)]

(Sheet 2 of 3)

GREENHOUSE GAS EMISSIONS	*1998*	1999	2000	2001	2002	2003	2004	2005	2006	2007
CO_2 emissions without net CO_2 from LULUCF	454,966.83	460,339.88	465,172.78	471,122.22	473,501.46	489,592.88	492,680.58	491,006.31	486,869.80	478,459.79
CO_2 emissions with net CO_2 from LULUCF	441,831.29	439,235.24	445,744.18	443,761.42	441,627.54	464,293.94	462,508.68	459,864.49	455,407.28	468,581.87
CH_4 emissions without CH_4 from LULUCF	54,855.86	54,823.18	55,034.07	54,992.99	53,327.94	52,294.33	50,628.46	50,337.24	48,639.13	48,375.42
CH_4 emissions with CH_4 from LULUCF	56,121.00	55,460.83	55,980.63	55,617.16	53,673.95	53,043.85	51,060.25	50,716.43	48,945.45	50,188.49
N_2O emissions without N_2O from LULUCF	29,660.21	30,283.82	29,462.72	29,810.04	29,301.92	28,841.56	29,895.77	28,395.49	23,410.39	22,721.41
N_2O emissions with N_2O from LULUCF	29,918.41	30,412.39	29,642.84	29,940.03	29,384.55	28,993.78	30,012.58	28,489.12	23,494.98	23,050.44
HFCs	1,476.80	1,956.03	2,098.16	2,735.61	3,466.48	4,281.46	5,122.71	5,998.32	6,810.98	7,649.88
PFCs	1,259.29	1,265.46	1,388.29	1,502.53	1,491.23	1,882.18	1,950.88	1,939.95	1,935.14	1,886.20
Unspecified mix of HFCs and PFCs	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
SF_6	666.98	475.90	560.73	851.02	738.93	548.03	581.81	547.10	567.31	449.62
NF3	4.64	12.21	25.63	12.79	28.06	27.84	28.86	33.38	22.20	11.57
Total (without LULUCF)	542,890.62	549,156.48	553,742.38	561,027.19	561,856.01	577,468.28	580,889.07	578,257.78	568,254.96	559,553.91
Total (with LULUCF)	531,278.42	528,818.06	535,440.46	534,420.55	530,410.74	553,071.07	551,265.77	547,588.78	537,183.35	551,818.07
Total (without LULUCF, with indirect)	542,890.62	549,156.48	553,742.38	561,027.19	561,856.01	577,468.28	580,889.07	578,257.78	568,254.96	559,553.91
Total (with LULUCF, with indirect)	531,278.42	528,818.06	535,440.46	534,420.55	530,410.74	553,071.07	551,265.77	547,588.78	537,183.35	551,818.07

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*1998*	1999	2000	2001	2002	2003	2004	2005	2006	2007
1. Energy	445,469.58	450,810.46	453,535.52	458,395.39	460,770.09	475,808.17	478,023.53	475,483.00	470,499.48	461,591.75
2. Industrial processes and product use	36,175.90	36,753.38	38,459.13	40,386.29	40,600.34	42,209.78	44,899.13	45,434.04	41,414.93	41,728.23
3. Agriculture	36,093.73	36,468.95	35,624.79	34,753.06	34,112.87	33,996.65	33,728.17	33,121.20	32,751.66	33,419.16
4. Land Use, Land-Use Change and Forestry[b]	-11,612.20	-20,338.42	-18,301.92	-26,606.64	-31,445.28	-24,397.21	-29,623.30	-30,669.00	-31,071.61	-7,735.84
5. Waste	25,151.41	25,123.69	26,122.93	27,492.46	26,372.72	25,453.68	24,238.24	24,219.53	23,588.89	22,814.77
6. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total (including LULUCF)	531,278.42	528,818.06	535,440.46	534,420.55	530,410.74	553,071.07	551,265.77	547,588.78	537,183.35	551,818.07

Note: All footnotes for this table are given on sheet 3.

Table 1 ITA_BR2_v1.0

Emission trends: summary [1]

(Sheet 3 of 3)

GREENHOUSE GAS EMISSIONS	*2008*	2009	2010	2011	2012	2013	Change from base to latest reported year
							(%)
CO_2 emissions without net CO_2 from LULUCF	467,984.04	418,887.07	428,935.59	416,662.61	391,067.34	360,422.65	-17.37
CO_2 emissions with net CO_2 from LULUCF	440,465.54	389,113.19	394,255.00	387,484.54	368,830.31	326,105.06	-23.95
CH_4 emissions without CH_4 from LULUCF	47,500.11	47,047.40	46,634.30	45,879.74	45,506.81	44,074.19	-18.33
CH_4 emissions with CH_4 from LULUCF	47,985.22	47,644.94	46,992.16	46,444.27	46,710.64	44,272.79	-20.43
N_2O emissions without N_2O from LULUCF	21,049.56	20,055.12	19,262.92	19,296.37	19,517.05	19,104.83	-29.58
N_2O emissions with N_2O from LULUCF	21,184.95	20,217.63	19,379.78	19,446.21	19,751.58	19,142.25	-30.23
HFCs	8,379.20	9,094.79	9,725.27	10,326.38	10,855.82	11,518.21	2,494.19
PFCs	1,712.39	1,215.36	1,520.39	1,661.28	1,499.21	1,705.41	-41.33
Unspecified mix of HFCs and PFCs	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
SF_6	492.81	468.87	390.55	438.06	442.20	416.51	2.18
NF3	18.79	17.97	20.17	27.78	24.93	25.70	
Total (without LULUCF)	547,136.89	496,786.59	506,489.19	494,292.22	468,913.36	437,267.50	-16.08
Total (with LULUCF)	520,238.89	467,772.75	472,283.31	465,828.52	448,114.69	403,185.93	-21.81
Total (without LULUCF, with indirect)	547,136.89	496,786.59	506,489.19	494,292.22	468,913.36	437,267.50	-16.08
Total (with LULUCF, with indirect)	520,238.89	467,772.75	472,283.31	465,828.52	448,114.69	403,185.93	-21.81

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*2008*	2009	2010	2011	2012	2013	Change from base to latest reported year
							(%)
1. Energy	453,716.07	409,609.82	419,574.53	407,597.72	384,875.29	357,386.84	-15.17
2. Industrial processes and product use	38,855.88	33,762.14	34,558.65	34,503.96	31,605.62	30,593.85	-24.11
3. Agriculture	32,425.03	31,754.18	30,959.49	31,483.12	31,914.37	30,789.74	-14.94
4. Land Use, Land-Use Change and Forestry[b]	-26,898.00	-29,013.84	-34,205.89	-28,463.70	-20,798.67	-34,081.57	526.55
5. Waste	22,139.92	21,660.45	21,396.52	20,707.43	20,518.08	18,497.07	-20.47
6. Other	NO	NO	NO	NO	NO	NO	
Total (including LULUCF)	520,238.89	467,772.75	472,283.31	465,828.52	448,114.69	403,185.93	-21.81

Notes:

(1) Further detailed information could be found in the common reporting format tables of the Party's greenhouse gas inventory, namely "Emission trends (CO_2)", "Emission trends (CH_4)", "Emission trends (N_2O)" and "Emission trends (HFCs, PFCs and SF_6)", which is included in an annex to this biennial report.

(2) 2011 is the latest reported inventory year.

(3) 1 kt CO_2 eq equals 1 Gg CO_2 eq.

Abbreviation: LULUCF = land use, land-use change and forestry.

[a] The column "Base year" should be filled in only by those Parties with economies in transition that use a base year different from 1990 in accordance with the relevant decisions of the Conference of the Parties. For these Parties, this different base year is used to calculate the percentage change in the final column of this table.

[b] Includes net CO_2, CH_4 and N_2O from LULUCF.

Custom Footnotes

Table 1 (a) ITA_BR2_v1.0

Emission trends (CO_2)

(Sheet 1 of 3)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*Base year* [a]	1990	1991	1992	1993	1994	1995	1996	1997
	kt								
1. Energy	406,003.68	406,003.68	406,037.45	405,023.72	401,618.30	394,858.04	419,038.56	414,598.70	418,215.35
A. Fuel combustion (sectoral approach)	401,990.47	401,990.47	402,091.24	401,100.79	397,472.97	390,820.58	415,068.04	410,778.52	414,234.98
1. Energy industries	138,144.97	138,144.97	132,176.93	131,687.77	126,051.62	128,095.14	141,478.81	136,147.52	137,966.45
2. Manufacturing industries and construction	84,535.11	84,535.11	82,295.71	80,917.09	81,526.07	82,506.46	84,346.97	82,528.73	85,086.83
3. Transport	101,306.82	101,306.82	103,829.77	108,075.75	109,670.98	109,274.70	111,476.01	112,707.86	114,400.04
4. Other sectors	76,933.18	76,933.18	82,558.29	79,100.59	78,731.98	69,433.93	76,271.31	78,169.72	75,513.80
5. Other	1,070.39	1,070.39	1,230.54	1,319.59	1,492.30	1,510.34	1,494.95	1,224.68	1,267.87
B. Fugitive emissions from fuels	4,013.21	4,013.21	3,946.21	3,922.93	4,145.33	4,037.47	3,970.51	3,820.18	3,980.37
1. Solid fuels	0.12	0.12	0.10	0.12	0.06	0.03	0.02	0.02	0.01
2. Oil and natural gas and other emissions from energy production	4,013.09	4,013.09	3,946.11	3,922.82	4,145.26	4,037.43	3,970.49	3,820.16	3,980.36
C. CO2 transport and storage	NO	NO	NO	NO	NO	NO	NO	NO	NO
2. Industrial processes	29,226.82	29,226.82	28,847.77	29,441.85	26,424.58	25,462.13	27,195.13	24,741.80	24,834.78
A. Mineral industry	20,713.70	20,713.70	20,675.58	21,469.85	19,069.69	18,584.44	20,232.94	18,568.62	18,837.42
B. Chemical industry	2,576.96	2,576.96	2,468.35	2,427.31	1,747.36	1,444.22	1,632.14	1,349.65	1,398.37
C. Metal industry	3,877.87	3,877.87	3,624.28	3,422.94	3,551.09	3,432.45	3,402.65	2,957.64	2,729.04
D. Non-energy products from fuels and solvent use	2,058.29	2,058.29	2,079.57	2,121.74	2,056.44	2,001.03	1,927.39	1,865.88	1,869.95
E. Electronic industry									
F. Product uses as ODS substitutes									
G. Other product manufacture and use	NO	NO	NO	NO	NO	NO	NO	NO	NO
H. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
3. Agriculture	466.15	466.15	520.62	537.65	623.23	589.72	513.39	440.56	526.74
A. Enteric fermentation									
B. Manure management									
C. Rice cultivation									
D. Agricultural soils									
E. Prescribed burning of savannas									
F. Field burning of agricultural residues									
G. Liming	1.31	1.31	1.31	1.32	1.33	1.33	1.34	1.33	1.34
H. Urea application	464.84	464.84	519.31	536.33	621.90	588.39	512.05	439.22	525.41
I. Other carbon-containing fertilizers	NO	NO	NO	NO	NO	NO	NO	NO	NO
J. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
4. Land Use, Land-Use Change and Forestry	-7,418.57	-7,418.57	-21,414.12	-19,879.83	-6,016.61	-18,761.96	-24,091.00	-24,465.13	-16,004.93
A. Forest land	-20,749.14	-20,749.14	-32,336.86	-30,874.11	-20,697.28	-30,841.24	-33,747.14	-33,617.76	-26,259.34
B. Cropland	2,172.24	2,172.24	1,474.11	1,552.66	1,645.48	1,728.31	1,785.18	2,430.35	2,328.68
C. Grassland	3,997.28	3,997.28	1,040.79	1,318.23	4,519.79	2,155.14	-1,212.77	-705.62	647.68
D. Wetlands	NE, NO	NE, NO	4.98	4.98	4.98	4.98	4.98	8.16	8.16
E. Settlements	6,641.26	6,641.26	8,269.75	8,270.89	8,271.14	8,272.25	8,274.79	6,492.19	6,492.61
F. Other land	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Harvested wood products	519.80	519.80	133.11	-152.48	239.28	-81.41	803.96	927.55	777.27
H. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
5. Waste	507.18	507.18	531.86	531.33	491.25	494.32	453.89	453.58	477.66
A. Solid waste disposal	NO, NA	NO, NA	NO, NA	NO, NA	NO, NA	NO, NA	NO, NA	NO, NA	NO, NA
B. Biological treatment of solid waste									
C. Incineration and open burning of waste	507.18	507.18	531.86	531.33	491.25	494.32	453.89	453.58	477.66
D. Waste water treatment and discharge									
E. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
6. Other (as specified in the summary table in CRF)	NO	NO	NO	NO	NO	NO	NO	NO	NO
Memo items:									
International bunkers	8,586.46	8,586.46	8,605.90	8,421.03	8,792.93	9,022.77	9,742.29	8,960.64	9,285.78
Aviation	4,160.77	4,160.77	4,993.23	4,940.81	5,082.84	5,353.48	5,673.52	6,081.29	6,200.46
Navigation	4,425.69	4,425.69	3,612.67	3,480.22	3,710.09	3,669.29	4,068.77	2,879.35	3,085.32
Multilateral operations	NE	NE	NE	NE	NE	NE	NE	NE	NE
CO2 emissions from biomass	7,272.05	7,272.05	10,127.14	9,661.67	9,808.19	10,410.01	10,618.90	10,141.06	11,414.83
CO2 captured	NO	NO	NO	NO	NO	NO	NO	NO	NO
Long-term storage of C in waste disposal sites	NO	NO	NO	NO	NO	NO	NO	NO	NO
Indirect N2O									
Indirect CO2 (3)	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total CO2 equivalent emissions without land use, land-use change and forestry	521,058.31	521,058.31	522,692.84	519,261.48	512,870.27	504,844.86	532,671.50	525,984.97	531,906.45
Total CO2 equivalent emissions with land use, land-use change and forestry	515,618.76	515,618.76	502,183.23	500,409.58	508,904.53	487,319.08	509,106.68	502,086.68	517,083.34
Total CO2 equivalent emissions, including indirect CO2, without land use, land-use change and forestry	436,203.83	436,203.83	435,937.70	435,534.56	429,157.35	421,404.21	447,200.96	440,234.64	444,054.53
Total CO2 equivalent emissions, including indirect CO2, with land use, land-use change and forestry	428,785.26	428,785.26	414,523.58	415,654.72	423,140.74	402,642.25	423,109.96	415,769.51	428,049.59

Note: All footnotes for this table are given on sheet 3.

Table 1 (a)

ITA_BR2_v1.0

Emission trends (CO_2)

(Sheet 2 of 3)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*1998*	1999	2000	2001	2002	2003	2004	2005	2006	2007
1. Energy	429,164.01	434,439.48	438,731.63	443,953.63	446,445.19	461,527.30	463,700.83	461,672.61	457,400.57	448,622.20
A. Fuel combustion (sectoral approach)	425,308.19	431,354.24	435,495.74	440,907.55	443,624.19	458,172.37	461,075.46	459,135.38	454,829.84	446,116.85
1. Energy industries	148,809.17	146,560.71	152,310.88	154,903.17	161,906.69	162,661.85	160,808.24	160,136.59	161,205.88	160,878.98
2. Manufacturing industries and construction	78,663.62	80,636.00	82,101.35	80,470.67	76,754.49	82,379.19	83,195.83	78,281.26	77,699.04	74,410.27
3. Transport	118,181.46	119,724.27	121,254.52	123,357.48	125,340.93	126,314.91	128,328.02	127,057.15	128,388.18	128,453.84
4. Other sectors	78,577.54	83,276.52	78,992.09	81,808.17	79,294.44	86,132.74	87,622.25	92,428.60	86,526.76	81,452.68
5. Other	1,076.40	1,156.73	836.89	368.05	327.64	683.67	1,121.11	1,231.78	1,009.99	921.08
B. Fugitive emissions from fuels	3,855.82	3,085.24	3,235.89	3,046.08	2,821.00	3,354.93	2,625.37	2,537.23	2,570.73	2,505.36
1. Solid fuels	0.00	0.00	0.05	0.06	0.07	0.11	0.04	0.04	0.01	0.07
2. Oil and natural gas and other emissions from energy production	3,855.82	3,085.24	3,235.84	3,046.02	2,820.93	3,354.82	2,625.33	2,537.18	2,570.72	2,505.29
C. CO2 transport and storage	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
2. Industrial processes	24,804.99	24,954.10	25,712.43	26,405.06	26,319.09	27,297.79	28,213.76	28,587.39	28,679.76	29,078.78
A. Mineral industry	19,099.53	19,896.52	20,742.27	21,524.60	21,547.81	22,422.98	23,180.07	23,298.00	23,396.61	23,810.17
B. Chemical industry	1,399.62	1,312.03	1,421.07	1,395.26	1,446.40	1,581.72	1,696.63	1,697.04	1,661.86	1,689.25
C. Metal industry	2,520.69	1,954.89	1,803.95	1,766.63	1,611.23	1,602.36	1,669.66	1,921.91	1,942.23	1,924.71
D. Non-energy products from fuels and solvent use	1,785.15	1,790.66	1,745.14	1,718.57	1,713.65	1,690.73	1,667.40	1,670.44	1,679.07	1,654.64
E. Electronic industry										
F. Product uses as ODS substitutes										
G. Other product manufacture and use	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
H. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
3. Agriculture	527.65	552.84	527.15	541.27	566.31	570.98	585.87	520.76	550.71	552.05
A. Enteric fermentation										
B. Manure management										
C. Rice cultivation										
D. Agricultural soils										
E. Prescribed burning of savannas										
F. Field burning of agricultural residues										
G. Liming	1.33	1.94	1.78	2.04	6.09	6.01	9.83	13.84	11.35	15.10
H. Urea application	526.32	550.90	525.37	539.23	560.22	564.97	576.04	506.92	539.36	536.96
I. Other carbon-containing fertilizers	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
J. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
4. Land Use, Land-Use Change and Forestry	-13,135.54	-21,104.64	-19,428.60	-27,360.80	-31,873.92	-25,298.95	-30,171.90	-31,141.82	-31,462.52	-9,877.92
A. Forest land	-25,211.49	-29,438.71	-28,570.51	-34,318.56	-37,645.57	-32,602.00	-36,533.31	-37,577.14	-37,228.20	-21,871.43
B. Cropland	2,236.58	2,109.61	2,013.63	1,433.58	1,426.32	1,437.49	1,434.02	1,428.59	1,218.53	1,253.32
C. Grassland	2,227.45	-1,234.88	148.69	-1,226.42	-2,520.94	-1,098.75	-2,182.49	-2,848.38	-3,535.99	2,626.77
D. Wetlands	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16	8.16
E. Settlements	6,492.91	6,493.56	6,495.34	6,497.85	6,500.62	6,503.03	6,505.73	7,315.96	7,326.16	7,330.29
F. Other land	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Harvested wood products	1,110.85	957.62	476.09	244.59	357.48	453.13	595.98	530.98	748.82	774.97
H. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
5. Waste	470.17	393.47	201.57	222.26	170.87	196.81	180.11	225.56	238.76	206.76
A. Solid waste disposal	NO, NA	NO, NA	NO, NA	NO, NA	NO, NA	NO, NA	NO, NA	NO, NA	NO, NA	NO, NA
B. Biological treatment of solid waste										
C. Incineration and open burning of waste	470.17	393.47	201.57	222.26	170.87	196.81	180.11	225.56	238.76	206.76
D. Waste water treatment and discharge										
E. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
6. Other (as specified in the summary table in CRF)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Memo items:										
International bunkers	9,958.06	10,721.04	12,231.93	12,866.06	12,909.44	14,862.20	15,483.89	16,088.10	17,337.41	18,250.19
Aviation	6,737.93	7,392.96	8,015.50	8,011.06	7,312.69	8,526.80	8,620.09	9,110.86	9,833.14	10,430.30
Navigation	3,220.13	3,328.07	4,216.42	4,855.00	5,596.74	6,335.39	6,863.80	6,977.24	7,504.27	7,819.89
Multilateral operations	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
CO2 emissions from biomass	11,143.78	13,141.07	12,968.99	14,058.16	13,457.85	15,180.69	18,349.87	17,317.39	18,047.25	20,058.26
CO2 captured	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Long-term storage of C in waste disposal sites	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Indirect N2O										
Indirect CO2 (3)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total CO2 equivalent emissions without land use, land-use change and forestry	542,890.62	549,156.48	553,742.38	561,027.19	561,856.01	577,468.28	580,889.07	578,257.78	568,254.96	559,553.91
Total CO2 equivalent emissions with land use, land-use change and forestry	531,278.42	528,818.06	535,440.46	534,420.55	530,410.74	553,071.07	551,265.77	547,588.78	537,183.35	551,818.07
Total CO2 equivalent emissions, including indirect CO2, without land use, land-use change and forestry	454,966.83	460,339.88	465,172.78	471,122.22	473,501.46	489,592.88	492,680.58	491,006.31	486,869.80	478,459.79
Total CO2 equivalent emissions, including indirect CO2, with land use, land-use change and forestry	441,831.29	439,235.24	445,744.18	443,761.42	441,627.54	464,293.94	462,508.68	459,864.49	455,407.28	468,581.87

Note: All footnotes for this table are given on sheet 3.

Table 1(a) ITA_BR2_v1.0

Emission trends (CO_2)

(Sheet 3 of 3)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*2008*	2009	2010	2011	2012	2013	Change from base to latest reported year
							%
1. Energy	440,811.49	397,080.01	406,806.71	394,981.17	372,416.39	343,662.51	-15.35
A. Fuel combustion (sectoral approach)	438,237.49	394,639.65	404,206.99	392,388.59	369,910.07	340,984.64	-15.18
1. Energy industries	157,445.46	132,512.99	133,834.43	131,775.30	127,103.94	107,911.75	-21.89
2. Manufacturing industries and construction	71,156.81	54,867.63	60,352.84	60,109.10	55,331.44	48,724.61	-42.36
3. Transport	123,244.76	118,777.48	118,203.21	117,200.31	104,860.65	102,276.53	0.96
4. Other sectors	85,631.79	87,613.68	91,165.05	82,789.34	82,279.59	81,487.33	5.92
5. Other	758.67	867.87	651.46	514.53	334.45	584.43	-45.40
B. Fugitive emissions from fuels	2,574.00	2,440.36	2,599.72	2,592.59	2,506.32	2,677.87	-33.27
1. Solid fuels	0.05	0.03	0.05	0.04	0.04	0.03	-71.92
2. Oil and natural gas and other emissions from energy production	2,573.94	2,440.32	2,599.67	2,592.54	2,506.28	2,677.83	-33.27
C. CO2 transport and storage	NO	NO	NO	NO	NO	NO	
2. Industrial processes	26,456.50	21,176.64	21,616.30	21,143.72	17,890.77	16,101.89	-44.91
A. Mineral industry	21,524.58	17,287.75	17,338.55	16,729.01	13,717.06	12,289.69	-40.67
B. Chemical industry	1,483.01	1,140.78	1,434.26	1,404.61	1,342.13	1,335.62	-48.17
C. Metal industry	1,875.37	1,306.80	1,465.40	1,610.27	1,520.43	1,191.55	-69.27
D. Non-energy products from fuels and solvent use	1,573.55	1,441.31	1,378.09	1,399.83	1,311.15	1,285.02	-37.57
E. Electronic industry							
F. Product uses as ODS substitutes							
G. Other product manufacture and use	NO	NO	NO	NO	NO	NO	
H. Other	NO	NO	NO	NO	NO	NO	
3. Agriculture	516.02	388.35	352.75	375.25	566.21	464.03	-0.45
A. Enteric fermentation							
B. Manure management							
C. Rice cultivation							
D. Agricultural soils							
E. Prescribed burning of savannas							
F. Field burning of agricultural residues							
G. Liming	17.80	16.77	17.65	24.50	15.31	13.61	941.31
H. Urea application	498.22	371.58	335.10	350.76	550.91	450.42	-3.10
I. Other carbon-containing fertilizers	NO	NO	NO	NO	NO	NO	
J. Other	NO	NO	NO	NO	NO	NO	
4. Land Use, Land-Use Change and Forestry	-27,518.50	-29,773.88	-34,680.60	-29,178.06	-22,237.02	-34,317.59	362.59
A. Forest land	-33,809.39	-36,362.64	-39,057.76	-34,993.75	-30,342.88	-37,239.06	79.47
B. Cropland	1,221.26	1,312.43	1,304.96	3,017.90	2,972.94	2,934.41	35.09
C. Grassland	-3,083.24	-2,450.58	-4,465.42	-4,440.09	-2,169.46	-7,203.29	-280.20
D. Wetlands	8.16	NE, NO	NE, NO	NE, NO	NE, NO	NE, NO	
E. Settlements	7,369.80	7,406.66	7,409.84	7,415.39	7,419.01	7,425.23	11.80
F. Other land	NO	NO	NO	NO	NO	NO	
G. Harvested wood products	774.91	320.25	127.78	-177.51	-116.63	-234.89	-145.19
H. Other	NO	NO	NO	NO	NO	NO	
5. Waste	200.03	242.07	159.83	162.45	193.96	194.22	-61.71
A. Solid waste disposal	NO, NA	NO, NA	NO, NA	NO, NA	NO, NA	NO, NA	
B. Biological treatment of solid waste							
C. Incineration and open burning of waste	200.03	242.07	159.83	162.45	193.96	194.22	-61.71
D. Waste water treatment and discharge							
E. Other	NO	NO	NO	NO	NO	NO	
6. Other (as specified in the summary table in CRF)	NO	NO	NO	NO	NO	NO	
Memo items:							
International bunkers	18,594.51	16,286.31	16,471.16	16,975.39	15,636.25	14,211.94	65.52
Aviation	10,087.15	8,968.33	9,440.35	9,725.54	9,315.84	9,220.74	121.61
Navigation	8,507.36	7,317.98	7,030.81	7,249.85	6,320.41	4,991.21	12.78
Multilateral operations	NE	NE	NE	NE	NE	NE	
CO2 emissions from biomass	22,744.89	26,276.66	26,184.23	30,146.17	29,127.34	43,487.79	498.01
CO2 captured	NO	NO	NO	NO	NO	NO	
Long-term storage of C in waste disposal sites	NO	NO	NO	NO	NO	NO	
Indirect N2O							
Indirect CO2 (3)	NO	NO	NO	NO	NO	NO	
Total CO2 equivalent emissions without land use, land-use change and forestry	547,136.89	496,786.59	506,489.19	494,292.22	468,913.36	437,267.50	-16.08
Total CO2 equivalent emissions with land use, land-use change and forestry	520,238.89	467,772.75	472,283.31	465,828.52	448,114.69	403,185.93	-21.81
Total CO2 equivalent emissions, including indirect CO2, without land use, land-use change and forestry	467,984.04	418,887.07	428,935.59	416,662.61	391,067.34	360,422.65	-17.37
Total CO2 equivalent emissions, including indirect CO2, with land use, land-use change and forestry	440,465.54	389,113.19	394,255.00	387,484.54	368,830.31	326,105.06	-23.95

Abbreviations: CRF = common reporting format, LULUCF = land use, land-use change and forestry.

[a] The column “Base year” should be filled in only by those Parties with economies in transition that use a base year different from 1990 in accordance with the relevant decisions of the Conference of the Parties. For these Parties, this different base year is used to calculate the percentage change in the final column of this table.

[b] Fill in net emissions/removals as reported in CRF table Summary 1.A of the latest reported inventory year. For the purposes of reporting, the signs for removals are always negative (-) and for emissions positive (+).

Custom Footnotes

Table 1(b) ITA_BR2_v1.0

Emission trends (CH_4)

(Sheet 1 of 3)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*Base year* [a]	1990	1991	1992	1993	1994	1995	1996	1997
	kt								
1. Energy	433.42	433.42	440.71	442.17	436.97	427.55	417.15	407.31	408.13
A. Fuel combustion (sectoral approach)	78.60	78.60	89.61	89.02	90.08	89.29	91.24	87.67	90.15
1. Energy industries	9.08	9.08	8.74	8.40	7.95	8.21	8.47	8.22	8.41
2. Manufacturing industries and construction	6.82	6.82	6.67	6.49	6.62	6.59	7.02	6.48	6.69
3. Transport	39.19	39.19	41.90	43.92	45.42	43.87	43.64	43.01	41.23
4. Other sectors	23.34	23.34	32.12	30.01	29.89	30.40	31.87	29.77	33.65
5. Other	0.17	0.17	0.19	0.20	0.22	0.21	0.22	0.19	0.17
B. Fugitive emissions from fuels	354.82	354.82	351.10	353.16	346.88	338.26	325.92	319.64	317.98
1. Solid fuels	6.03	6.03	5.55	5.53	4.04	3.47	3.12	2.92	2.87
2. Oil and natural gas and other emissions from energy production	348.79	348.79	345.55	347.63	342.84	334.79	322.80	316.72	315.11
C. CO2 transport and storage									
2. Industrial processes	5.16	5.16	4.95	4.83	4.87	5.07	5.36	2.99	3.23
A. Mineral industry									
B. Chemical industry	2.45	2.45	2.43	2.40	2.28	2.49	2.65	0.60	0.62
C. Metal industry	2.71	2.71	2.51	2.43	2.59	2.58	2.71	2.39	2.61
D. Non-energy products from fuels and solvent use	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Electronic industry									
F. Product uses as ODS substitutes									
G. Other product manufacture and use	NO	NO	NO	NO	NO	NO	NO	NO	NO
H. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
3. Agriculture	862.76	862.76	867.70	843.31	839.84	840.97	856.24	859.95	860.00
A. Enteric fermentation	629.72	629.72	637.84	617.01	610.36	614.01	626.22	630.60	632.01
B. Manure management	157.38	157.38	157.57	151.27	150.87	146.36	149.86	150.35	149.61
C. Rice cultivation	75.06	75.06	71.64	74.39	78.00	79.98	79.56	78.37	77.82
D. Agricultural soils	NA	NA	NA	NA	NA	NA	NA	NA	NA
E. Prescribed burning of savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Field burning of agricultural residues	0.60	0.60	0.66	0.64	0.61	0.62	0.59	0.63	0.57
G. Liming									
H. Urea application									
I. Other carbon-containing fertilizers									
J. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
4. Land use, land-use change and forestry	66.94	66.94	28.08	32.90	69.21	38.68	15.37	16.68	39.39
A. Forest land	39.56	39.56	12.01	17.19	42.06	17.36	8.15	7.64	24.48
B. Cropland	0.22	0.22	0.16	0.14	0.20	0.20	0.06	0.08	0.11
C. Grassland	27.16	27.16	15.91	15.57	26.96	21.12	7.16	8.95	14.79
D. Wetlands	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Settlements	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Other land	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Harvested wood products									
H. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
5. Waste	857.31	857.31	898.98	846.97	840.18	864.33	882.15	919.50	942.43
A. Solid waste disposal	726.32	726.32	768.37	717.80	712.67	737.52	757.58	795.98	819.39
B. Biological treatment of solid waste	0.09	0.09	0.10	0.11	0.12	0.14	0.15	0.18	0.29
C. Incineration and open burning of waste	2.00	2.00	2.59	2.32	2.34	2.35	2.32	2.33	2.31
D. Waste water treatment and discharge	128.90	128.90	127.92	126.74	125.04	124.32	122.10	121.01	120.45
E. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
6. Other (as specified in the summary table in CRF)	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total CH4 emissions without CH4 from LULUCF	2,158.65	2,158.65	2,212.34	2,137.28	2,121.85	2,137.91	2,160.90	2,189.76	2,213.79
Total CH4 emissions with CH4 from LULUCF	2,225.59	2,225.59	2,240.41	2,170.18	2,191.07	2,176.59	2,176.27	2,206.44	2,253.17
Memo items:									
International bunkers	0.47	0.47	0.39	0.38	0.41	0.41	0.45	0.34	0.37
Aviation	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07
Navigation	0.42	0.42	0.34	0.33	0.35	0.35	0.39	0.27	0.29
Multilateral operations	NE	NE	NE	NE	NE	NE	NE	NE	NE
CO2 emissions from biomass									
CO2 captured									
Long-term storage of C in waste disposal sites									
Indirect N2O									
Indirect CO2 (3)									

Note: All footnotes for this table are given on sheet 3.

Table 1(b) ITA_BR2_v1.0

Emission trends (CH_4)

(Sheet 2 of 3)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*1998*	1999	2000	2001	2002	2003	2004	2005	2006	2007
1. Energy	407.24	399.00	383.81	366.28	362.77	357.06	351.68	346.29	318.52	314.02
A. Fuel combustion (sectoral approach)	86.94	89.01	81.34	80.42	75.04	74.77	78.97	73.37	71.90	74.00
1. Energy industries	8.41	8.10	6.71	5.77	5.74	5.84	5.81	5.90	5.71	5.27
2. Manufacturing industries and construction	6.44	6.06	5.72	5.79	5.69	5.83	5.76	6.28	6.24	6.53
3. Transport	39.40	37.11	32.85	31.00	29.11	26.80	23.98	20.58	18.19	15.55
4. Other sectors	32.53	37.56	35.93	37.78	34.43	36.20	43.29	40.45	41.63	46.53
5. Other	0.16	0.18	0.13	0.09	0.07	0.10	0.14	0.16	0.13	0.11
B. Fugitive emissions from fuels	320.30	309.99	302.47	285.86	287.73	282.29	272.71	272.92	246.62	240.03
1. Solid fuels	2.63	2.52	3.55	3.94	3.82	4.65	3.10	3.33	2.57	4.09
2. Oil and natural gas and other emissions from energy production	317.67	307.47	298.92	281.93	283.92	277.64	269.60	269.60	244.04	235.93
C. CO2 transport and storage										
2. Industrial processes	3.10	3.05	3.01	2.83	2.71	2.77	2.91	3.06	3.14	3.08
A. Mineral industry										
B. Chemical industry	0.59	0.59	0.40	0.33	0.33	0.31	0.33	0.33	0.32	0.34
C. Metal industry	2.51	2.46	2.61	2.50	2.38	2.46	2.58	2.72	2.81	2.75
D. Non-energy products from fuels and solvent use	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Electronic industry										
F. Product uses as ODS substitutes										
G. Other product manufacture and use	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
H. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
3. Agriculture	853.75	860.74	837.86	801.49	783.27	786.22	773.74	771.58	757.88	782.19
A. Enteric fermentation	628.93	635.82	621.76	583.06	565.73	567.32	555.41	555.91	545.55	565.57
B. Manure management	150.67	152.29	149.25	151.70	148.40	148.34	144.63	144.95	141.52	143.90
C. Rice cultivation	73.50	72.00	66.26	66.19	68.52	70.00	73.03	70.09	70.20	72.08
D. Agricultural soils	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E. Prescribed burning of savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Field burning of agricultural residues	0.64	0.63	0.59	0.55	0.62	0.56	0.68	0.64	0.62	0.63
G. Liming										
H. Urea application										
I. Other carbon-containing fertilizers										
J. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
4. Land use, land-use change and forestry	50.61	25.51	37.86	24.97	13.84	29.98	17.27	15.17	12.25	72.52
A. Forest land	28.25	15.90	21.84	14.22	8.09	16.89	7.87	8.24	6.27	40.79
B. Cropland	0.18	0.07	0.13	0.09	0.05	0.11	0.09	0.06	0.05	0.25
C. Grassland	22.17	9.54	15.90	10.66	5.71	12.99	9.32	6.87	5.93	31.48
D. Wetlands	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Settlements	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Other land	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Harvested wood products										
H. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
5. Waste	930.14	930.13	976.68	1,029.12	984.36	945.72	896.80	892.56	866.03	835.72
A. Solid waste disposal	808.50	809.72	859.11	912.71	869.03	830.64	781.86	777.85	751.29	721.91
B. Biological treatment of solid waste	0.33	0.50	0.55	0.68	0.98	1.27	1.26	1.57	1.76	2.05
C. Incineration and open burning of waste	2.41	2.50	2.23	2.17	2.31	2.23	2.77	2.46	2.38	2.36
D. Waste water treatment and discharge	118.90	117.40	114.78	113.57	112.04	111.58	110.92	110.68	110.60	109.40
E. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
6. Other (as specified in the summary table in CRF)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total CH4 emissions without CH4 from LULUCF	2,194.23	2,192.93	2,201.36	2,199.72	2,133.12	2,091.77	2,025.14	2,013.49	1,945.57	1,935.02
Total CH4 emissions with CH4 from LULUCF	2,244.84	2,218.43	2,239.23	2,224.69	2,146.96	2,121.75	2,042.41	2,028.66	1,957.82	2,007.54
Memo items:										
International bunkers	0.39	0.41	0.51	0.58	0.65	0.74	0.80	0.83	0.88	0.87
Aviation	0.08	0.09	0.11	0.12	0.12	0.14	0.15	0.17	0.17	0.13
Navigation	0.31	0.32	0.40	0.46	0.53	0.60	0.65	0.66	0.71	0.74
Multilateral operations	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
CO2 emissions from biomass										
CO2 captured										
Long-term storage of C in waste disposal sites										
Indirect N2O										
Indirect CO2 (3)										

Note: All footnotes for this table are given on sheet 3.

Table 1(b) ITA_BR2_v1.0

Emission trends (CH_4)

(Sheet 3 of 3)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*2008*	2009	2010	2011	2012	2013	Change from base to latest reported year
							%
1. Energy	316.68	310.34	321.17	318.10	320.61	353.62	-18.41
A. Fuel combustion (sectoral approach)	74.37	73.47	73.18	74.93	78.94	121.83	55.00
1. Energy industries	5.17	4.76	4.78	5.12	5.01	4.59	-49.47
2. Manufacturing industries and construction	6.24	4.18	5.51	6.90	8.14	10.29	50.95
3. Transport	14.35	12.93	12.04	11.35	10.15	9.60	-75.51
4. Other sectors	48.53	51.53	50.80	51.52	55.62	97.29	316.86
5. Other	0.07	0.07	0.06	0.05	0.03	0.05	-68.44
B. Fugitive emissions from fuels	242.32	236.87	247.98	243.17	241.67	231.79	-34.67
1. Solid fuels	3.52	2.17	3.16	3.40	2.97	2.13	-64.73
2. Oil and natural gas and other emissions from energy production	238.79	234.70	244.82	239.76	238.70	229.66	-34.15
C. CO2 transport and storage							
2. Industrial processes	2.91	1.82	2.48	2.73	2.62	2.12	-58.86
A. Mineral industry							
B. Chemical industry	0.30	0.28	0.31	0.27	0.26	0.24	-90.05
C. Metal industry	2.61	1.54	2.17	2.47	2.36	1.88	-30.63
D. Non-energy products from fuels and solvent use	NO	NO	NO	NO	NO	NO	
E. Electronic industry							
F. Product uses as ODS substitutes							
G. Other product manufacture and use	NO	NO	NO	NO	NO	NO	
H. Other	NO	NO	NO	NO	NO	NO	
3. Agriculture	771.31	781.93	763.67	762.57	754.64	746.88	-13.43
A. Enteric fermentation	560.81	562.42	548.47	549.41	546.56	553.97	-12.03
B. Manure management	143.84	145.50	141.70	140.33	135.88	125.98	-19.95
C. Rice cultivation	66.01	73.39	72.89	72.22	71.57	66.33	-11.63
D. Agricultural soils	NA	NA	NA	NA	NA	NA	
E. Prescribed burning of savannas	NO	NO	NO	NO	NO	NO	
F. Field burning of agricultural residues	0.67	0.62	0.61	0.60	0.64	0.60	0.55
G. Liming							
H. Urea application							
I. Other carbon-containing fertilizers							
J. Other	NO	NO	NO	NO	NO	NO	
4. Land use, land-use change and forestry	19.40	23.90	14.31	22.58	48.15	7.94	-88.13
A. Forest land	8.02	9.64	4.88	9.07	25.16	5.20	-86.86
B. Cropland	0.08	0.09	0.05	0.10	0.19	0.31	41.34
C. Grassland	11.31	14.18	9.39	13.42	22.81	2.44	-91.01
D. Wetlands	NO	NO	NO	NO	NO	NO	
E. Settlements	NO	NO	NO	NO	NO	NO	
F. Other land	NO	NO	NO	NO	NO	NO	
G. Harvested wood products							
H. Other	NO	NO	NO	NO	NO	NO	
5. Waste	809.10	787.81	778.05	751.79	742.40	660.35	-22.97
A. Solid waste disposal	697.65	677.77	667.71	643.66	635.07	554.87	-23.60
B. Biological treatment of solid waste	2.00	1.91	2.18	2.33	2.50	2.63	2,894.05
C. Incineration and open burning of waste	2.48	2.34	2.33	2.31	2.32	2.22	10.60
D. Waste water treatment and discharge	106.96	105.80	105.84	103.48	102.51	100.63	-21.93
E. Other	NO	NO	NO	NO	NO	NO	
6. Other (as specified in the summary table in CRF)	NO	NO	NO	NO	NO	NO	
Total CH4 emissions without CH4 from LULUCF	1,900.00	1,881.90	1,865.37	1,835.19	1,820.27	1,762.97	-18.33
Total CH4 emissions with CH4 from LULUCF	1,919.41	1,905.80	1,879.69	1,857.77	1,868.43	1,770.91	-20.43
Memo items:							
International bunkers	0.93	0.81	0.78	0.81	0.72	0.59	26.45
Aviation	0.12	0.12	0.12	0.12	0.12	0.12	149.94
Navigation	0.81	0.69	0.67	0.69	0.60	0.47	12.73
Multilateral operations	NE	NE	NE	NE	NE	NE	
CO2 emissions from biomass							
CO2 captured							
Long-term storage of C in waste disposal sites							
Indirect N2O							
Indirect CO2 (3)							

Abbreviations : CRF = common reporting format, LULUCF = land use, land-use change and f

[a] The column “Base year” should be filled in only by those Parties with economies in transition that use a base year different from 1990 in accordance with the relevant decisions of the Conference of the Parties. For these Parties, this different base year is used to calculate the percentage change in the final column of this table.

Custom Footnotes

Table 1(c)

ITA_BR2_v1.0

Emission trends (N_2O)

(Sheet 1 of 3)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*Base year*[a]	1990	1991	1992	1993	1994	1995	1996	1997
	kt								
1. Energy	14.93	14.93	15.26	15.44	15.50	16.00	17.52	18.52	19.59
A. Fuel combustion (sectoral approach)	14.89	14.89	15.22	15.40	15.46	15.96	17.48	18.48	19.55
1. Energy industries	1.64	1.64	1.56	1.52	1.44	1.47	1.65	1.59	1.59
2. Manufacturing industries and construction	4.93	4.93	4.89	4.90	4.51	4.47	4.52	4.42	4.47
3. Transport	3.20	3.20	3.41	3.65	3.84	4.55	5.62	6.84	7.78
4. Other sectors	4.89	4.89	5.13	5.09	5.39	5.22	5.48	5.46	5.50
5. Other	0.23	0.23	0.24	0.24	0.28	0.25	0.21	0.18	0.21
B. Fugitive emissions from fuels	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
1. Solid fuels	NA	NA	NA	NA	NA	NA	NA	NA	NA
2. Oil and natural gas and other emissions from energy production	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
C. CO2 transport and storage									
2. Industrial processes	24.16	24.16	25.28	23.57	24.15	22.82	25.84	25.62	25.74
A. Mineral industry									
B. Chemical industry	21.54	21.54	22.81	21.11	21.65	20.36	23.35	22.66	22.78
C. Metal industry	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Non-energy products from fuels and solvent use	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Electronic industry									
F. Product uses as ODS substitutes									
G. Other product manufacture and use	2.62	2.62	2.47	2.46	2.50	2.46	2.49	2.96	2.96
H. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
3. Agriculture	47.52	47.52	49.11	49.10	50.28	49.01	47.96	47.14	49.21
A. Enteric fermentation									
B. Manure management	9.61	9.61	9.56	9.15	9.05	8.85	8.95	8.91	8.91
C. Rice cultivation									
D. Agricultural soils	37.90	37.90	39.54	39.94	41.21	40.14	39.00	38.21	40.28
E. Prescribed burning of savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Field burning of agricultural residues	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
G. Liming									
H. Urea application									
I. Other carbon containing fertlizers									
J. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
4. Land use, land-use change and forestry	1.03	1.03	0.68	0.69	1.08	0.90	0.48	0.50	0.66
A. Forest land	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.01
B. Cropland	0.16	0.16	0.18	0.19	0.22	0.23	0.25	0.22	0.19
C. Grassland	0.85	0.85	0.50	0.49	0.85	0.66	0.23	0.28	0.46
D. Wetlands	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Settlements	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Other land	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Harvested wood products									
H. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
5. Waste	4.43	4.43	4.50	4.47	4.38	4.43	4.39	4.47	4.63
A. Solid waste disposal									
B. Biological treatment of solid waste	0.06	0.06	0.07	0.08	0.09	0.14	0.13	0.11	0.28
C. Incineration and open burning of waste	0.12	0.12	0.14	0.13	0.13	0.13	0.12	0.11	0.12
D. Waste water treatment and discharge	4.25	4.25	4.29	4.25	4.16	4.17	4.14	4.25	4.23
E. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO
6. Other (as specified in the summary table in CRF)	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total direct N2O emissions without N2O from LULUCF	91.04	91.04	94.15	92.59	94.30	92.26	95.71	95.75	99.17
Total direct N2O emissions with N2O from LULUCF	92.07	92.07	94.83	93.28	95.38	93.17	96.18	96.25	99.83
Memo items:									
International bunkers	0.23	0.23	0.21	0.22	0.24	0.24	0.26	0.25	0.27
Aviation	0.12	0.12	0.12	0.13	0.14	0.15	0.16	0.18	0.19
Navigation	0.11	0.11	0.09	0.09	0.09	0.09	0.10	0.07	0.08
Multilateral operations	NE	NE	NE	NE	NE	NE	NE	NE	NE
CO2 emissions from biomass									
CO2 captured									
Long-term storage of C in waste disposal sites									
Indirect N2O	10.06	10.06	10.24	10.39	10.05	9.54	9.31	8.99	8.71
Indirect CO2 (3)									

Note: All footnotes for this table are given on sheet 3.

Table 1(c) ITA_BR2_v1.0

Emission trends (N_2O)

(Sheet 2 of 3)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*1998*	1999	2000	2001	2002	2003	2004	2005	2006	2007
1. Energy	20.55	21.46	17.48	17.73	17.64	17.97	18.56	17.29	17.23	17.18
A. Fuel combustion (sectoral approach)	20.51	21.42	17.44	17.69	17.59	17.92	18.52	17.25	17.19	17.13
1. Energy industries	1.63	1.56	1.65	1.72	1.79	1.80	1.85	1.84	1.83	1.81
2. Manufacturing industries and construction	4.49	4.51	4.66	4.74	4.78	4.93	5.03	5.02	5.05	4.98
3. Transport	8.67	9.39	5.30	5.28	5.26	5.06	5.02	3.79	3.84	3.83
4. Other sectors	5.55	5.81	5.69	5.92	5.74	6.01	6.33	6.31	6.23	6.29
5. Other	0.17	0.14	0.14	0.03	0.02	0.13	0.28	0.29	0.24	0.23
B. Fugitive emissions from fuels	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
1. Solid fuels	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2. Oil and natural gas and other emissions from energy production	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
C. CO2 transport and storage										
2. Industrial processes	26.46	26.89	28.85	29.56	28.49	27.19	29.96	27.69	11.14	8.64
A. Mineral industry										
B. Chemical industry	23.06	23.56	25.54	26.55	25.49	24.38	27.24	25.03	8.54	6.10
C. Metal industry	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
D. Non-energy products from fuels and solvent use	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Electronic industry										
F. Product uses as ODS substitutes										
G. Other product manufacture and use	3.40	3.33	3.31	3.00	3.00	2.81	2.73	2.66	2.61	2.54
H. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
3. Agriculture	47.73	48.31	47.49	47.57	46.86	46.21	46.30	44.67	44.48	44.67
A. Enteric fermentation										
B. Manure management	9.01	9.06	8.79	8.90	8.58	8.53	8.26	8.16	7.87	8.16
C. Rice cultivation										
D. Agricultural soils	38.70	39.24	38.69	38.65	38.26	37.67	38.03	36.50	36.60	36.50
E. Prescribed burning of savannas	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Field burning of agricultural residues	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
G. Liming										
H. Urea application										
I. Other carbon containing fertlizers										
J. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
4. Land use, land-use change and forestry	0.87	0.43	0.60	0.44	0.28	0.51	0.39	0.31	0.28	1.10
A. Forest land	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01
B. Cropland	0.16	0.13	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
C. Grassland	0.70	0.30	0.50	0.34	0.18	0.41	0.29	0.22	0.19	0.99
D. Wetlands	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
E. Settlements	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
F. Other land	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
G. Harvested wood products										
H. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
5. Waste	4.79	4.96	5.05	5.18	5.34	5.42	5.50	5.64	5.70	5.75
A. Solid waste disposal										
B. Biological treatment of solid waste	0.34	0.45	0.57	0.74	0.90	0.99	0.98	1.11	1.18	1.21
C. Incineration and open burning of waste	0.12	0.12	0.09	0.09	0.08	0.08	0.09	0.08	0.08	0.08
D. Waste water treatment and discharge	4.33	4.39	4.40	4.35	4.36	4.34	4.43	4.44	4.44	4.46
E. Other	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
6. Other (as specified in the summary table in CRF)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Total direct N2O emissions without N2O from LULUCF	99.53	101.62	98.87	100.03	98.33	96.78	100.32	95.29	78.56	76.25
Total direct N2O emissions with N2O from LULUCF	100.40	102.05	99.47	100.47	98.61	97.29	100.71	95.60	78.84	77.35
Memo items:										
International bunkers	0.29	0.31	0.35	0.36	0.35	0.37	0.38	0.39	0.41	0.44
Aviation	0.21	0.23	0.25	0.24	0.21	0.21	0.21	0.21	0.22	0.24
Navigation	0.08	0.08	0.11	0.12	0.14	0.16	0.17	0.18	0.19	0.20
Multilateral operations	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
CO2 emissions from biomass										
CO2 captured										
Long-term storage of C in waste disposal sites										
Indirect N2O	8.22	7.69	7.37	7.17	6.85	6.80	6.56	6.26	5.90	5.87
Indirect CO2 (3)										

Note: All footnotes for this table are given on sheet 3.

Table 1(c) ITA_BR2_v1.0

Emission trends (N_2O)

(Sheet 3 of 3)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*2008*	2009	2010	2011	2012	2013	Change from base to latest reported year
							%
1. Energy	16.74	16.01	15.90	15.65	14.91	16.39	9.77
A. Fuel combustion (sectoral approach)	16.69	15.97	15.86	15.61	14.88	16.36	9.84
1. Energy industries	1.81	1.63	1.65	1.71	1.71	1.57	-4.54
2. Manufacturing industries and construction	4.64	3.98	4.01	3.97	3.54	3.34	-32.20
3. Transport	3.68	3.56	3.54	3.48	3.12	3.08	-3.90
4. Other sectors	6.36	6.57	6.52	6.36	6.42	8.24	68.37
5. Other	0.20	0.24	0.13	0.10	0.09	0.13	-40.54
B. Fugitive emissions from fuels	0.04	0.04	0.04	0.04	0.04	0.03	-18.98
1. Solid fuels	NA	NA	NA	NA	NA	NA	
2. Oil and natural gas and other emissions from energy production	0.04	0.04	0.04	0.04	0.04	0.03	-18.98
C. CO2 transport and storage							
2. Industrial processes	5.78	5.85	4.11	2.81	2.78	2.59	-89.26
A. Mineral industry							
B. Chemical industry	3.44	3.64	2.09	0.95	0.76	0.74	-96.55
C. Metal industry	NO	NO	NO	NO	NO	NO	
D. Non-energy products from fuels and solvent use	NO	NO	NO	NO	NO	NO	
E. Electronic industry							
F. Product uses as ODS substitutes							
G. Other product manufacture and use	2.35	2.21	2.02	1.86	2.02	1.85	-29.37
H. Other	NO	NO	NO	NO	NO	NO	
3. Agriculture	42.37	39.66	38.64	40.42	41.89	39.11	-17.71
A. Enteric fermentation							
B. Manure management	8.15	8.26	7.96	7.92	7.75	7.38	-23.24
C. Rice cultivation							
D. Agricultural soils	34.21	31.39	30.67	32.49	34.12	31.72	-16.32
E. Prescribed burning of savannas	NO	NO	NO	NO	NO	NO	
F. Field burning of agricultural residues	0.01	0.01	0.01	0.01	0.01	0.01	3.39
G. Liming							
H. Urea application							
I. Other carbon containing fertlizers							
J. Other	NO	NO	NO	NO	NO	NO	
4. Land use, land-use change and forestry	0.45	0.55	0.39	0.50	0.79	0.13	-87.75
A. Forest land	0.00	0.00	0.00	0.00	0.01	0.00	-86.86
B. Cropland	0.10	0.10	0.10	0.08	0.06	0.05	-70.37
C. Grassland	0.36	0.45	0.30	0.42	0.72	0.08	-91.01
D. Wetlands	NO	NO	NO	NO	NO	NO	
E. Settlements	NO	NO	NO	NO	NO	NO	
F. Other land	NO	NO	NO	NO	NO	NO	
G. Harvested wood products							
H. Other	NO	NO	NO	NO	NO	NO	
5. Waste	5.75	5.78	5.99	5.87	5.92	6.02	35.99
A. Solid waste disposal							
B. Biological treatment of solid waste	1.18	1.20	1.41	1.43	1.43	1.48	2,509.73
C. Incineration and open burning of waste	0.08	0.08	0.07	0.08	0.08	0.08	-38.15
D. Waste water treatment and discharge	4.48	4.50	4.51	4.36	4.41	4.46	5.07
E. Other	NO	NO	NO	NO	NO	NO	
6. Other (as specified in the summary table in CRF)	NO	NO	NO	NO	NO	NO	
Total direct N2O emissions without N2O from LULUCF	70.64	67.30	64.64	64.75	65.49	64.11	-29.58
Total direct N2O emissions with N2O from LULUCF	71.09	67.84	65.03	65.26	66.28	64.24	-30.23
Memo items:							
International bunkers	0.45	0.41	0.40	0.41	0.39	0.35	50.05
Aviation	0.24	0.22	0.23	0.23	0.23	0.22	84.89
Navigation	0.21	0.18	0.18	0.18	0.16	0.13	12.73
Multilateral operations	NE	NE	NE	NE	NE	NE	
CO2 emissions from biomass							
CO2 captured							
Long-term storage of C in waste disposal sites							
Indirect N2O	5.32	4.98	4.85	4.75	4.42	4.05	-59.79
Indirect CO2 (3)							

Abbreviations : CRF = common reporting format, LULUCF = land use, land-use change and f

[a] The column “Base year” should be filled in only by those Parties with economies in transition that use a base year different from 1990 in accordance with the relevant decisions of the Conference of the Parties. For these Parties, this different base year is used to calculate the percentage change in the final column of this table.

Custom Footnotes

Table 1(d) ITA_BR2_v1.0

Emission trends (HFCs, PFCs and SF_6)

(Sheet 1 of 3)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*Base year* [a]	1990	1991	1992	1993	1994	1995	1996	1997
	kt								
Emissions of HFCs and PFCs - (kt CO2 equivalent)	3,350.86	3,350.86	2,959.21	2,272.17	2,121.34	2,011.52	2,263.77	1,731.41	2,169.43
Emissions of HFCs - (kt CO2 equivalent)	444.00	444.00	449.30	453.40	449.28	588.83	813.44	551.05	957.97
HFC-23	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00
HFC-32	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.00
HFC-41	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-43-10mee	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-125	NA, NO	NA, NO	0.00	0.00	0.00	0.00	0.01	0.02	0.05
HFC-134	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-134a	NA, NO	NA, NO	0.00	0.00	0.00	0.10	0.20	0.29	0.43
HFC-143	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-143a	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	0.01	0.02	0.03
HFC-152	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-152a	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-161	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-227ea	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	0.00	0.00
HFC-236cb	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-236ea	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-236fa	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-245ca	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-245fa	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-365mfc	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Unspecified mix of HFCs(4) - (kt CO_2 equivalent)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Emissions of PFCs - (kt CO2 equivalent)	2,906.86	2,906.86	2,509.91	1,818.77	1,672.06	1,422.70	1,450.33	1,180.36	1,211.46
CF_4	0.32	0.32	0.28	0.21	0.20	0.17	0.17	0.15	0.15
C_2F_6	0.05	0.05	0.04	0.02	0.02	0.01	0.01	0.01	0.01
C_3F_8	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
C_4F_{10}	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
c-C_4F_8	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
C_5F_{12}	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
C_6F_{14}	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
C10F18	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
c-C3F6	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Unspecified mix of PFCs(4) - (kt CO_2 equivalent)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Unspecified mix of HFCs and PFCs - (kt CO2 equivalent)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Emissions of SF6 - (kt CO2 equivalent)	407.61	407.61	430.00	431.79	443.36	486.54	663.78	741.15	785.11
SF_6	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03
Emissions of NF3 - (kt CO2 equivalent)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
NF3	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO

Note: All footnotes for this table are given on sheet 3.

Table 1(d) ITA_BR2_v1.0

Emission trends (HFCs, PFCs and SF_6)

(Sheet 2 of 3)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*1998*	1999	2000	2001	2002	2003	2004	2005	2006	2007
Emissions of HFCs and PFCs - (kt CO2 equivalent)	2,736.09	3,221.49	3,486.45	4,238.14	4,957.70	6,163.64	7,073.59	7,938.27	8,746.12	9,536.09
Emissions of HFCs - (kt CO2 equivalent)	1,476.80	1,956.03	2,098.16	2,735.61	3,466.48	4,281.46	5,122.71	5,998.32	6,810.98	7,649.88
HFC-23	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
HFC-32	0.01	0.03	0.02	0.03	0.04	0.05	0.07	0.09	0.10	0.12
HFC-41	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-43-10mee	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-125	0.07	0.10	0.10	0.16	0.22	0.30	0.38	0.47	0.56	0.64
HFC-134	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-134a	0.67	0.83	0.86	0.99	1.07	1.19	1.31	1.41	1.49	1.61
HFC-143	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-143a	0.05	0.08	0.10	0.15	0.21	0.28	0.35	0.44	0.51	0.58
HFC-152	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-152a	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-161	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-227ea	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.04
HFC-236cb	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-236ea	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-236fa	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-245ca	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
HFC-245fa	NA, NO	NA, NO	NA, NO	NA, NO	0.10	0.11	0.13	0.14	0.16	0.18
HFC-365mfc	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Unspecified mix of HFCs(4) - (kt CO_2 equivalent)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Emissions of PFCs - (kt CO2 equivalent)	1,259.29	1,265.46	1,388.29	1,502.53	1,491.23	1,882.18	1,950.88	1,939.95	1,935.14	1,886.20
CF_4	0.16	0.16	0.17	0.18	0.18	0.23	0.25	0.24	0.25	0.25
C_2F_6	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
C_3F_8	NA, NO	NA, NO	NA, NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C_4F_{10}	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
c-C_4F_8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C_5F_{12}	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
C_6F_{14}	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
C10F18	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
c-C3F6	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Unspecified mix of PFCs(4) - (kt CO_2 equivalent)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Unspecified mix of HFCs and PFCs - (kt CO2 equivalent)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO
Emissions of SF6 - (kt CO2 equivalent)	666.98	475.90	560.73	851.02	738.93	548.03	581.81	547.10	567.31	449.62
SF_6	0.03	0.02	0.02	0.04	0.03	0.02	0.03	0.02	0.02	0.02
Emissions of NF3 - (kt CO2 equivalent)	4.64	12.21	25.63	12.79	28.06	27.84	28.86	33.38	22.20	11.57
NF3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note: All footnotes for this table are given on sheet 3.

Table 1(d) ITA_BR2_v1.0

Emission trends (HFCs, PFCs and SF_6)

(Sheet 3 of 3)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	*2008*	2009	2010	2011	2012	2013	Change from base to latest reported year
							%
Emissions of HFCs and PFCs - (kt CO2 equivalent)	10,091.58	10,310.15	11,245.66	11,987.66	12,355.03	13,223.62	294.63
Emissions of HFCs - (kt CO2 equivalent)	8,379.20	9,094.79	9,725.27	10,326.38	10,855.82	11,518.21	2,494.19
HFC-23	0.01	0.01	0.01	0.01	0.01	0.01	-67.55
HFC-32	0.14	0.16	0.18	0.20	0.22	0.25	
HFC-41	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
HFC-43-10mee	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
HFC-125	0.72	0.79	0.86	0.93	1.00	1.07	
HFC-134	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
HFC-134a	1.69	1.78	1.82	1.86	1.86	1.96	
HFC-143	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
HFC-143a	0.65	0.71	0.77	0.82	0.88	0.93	
HFC-152	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
HFC-152a	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
HFC-161	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
HFC-227ea	0.05	0.05	0.06	0.06	0.07	0.07	
HFC-236cb	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
HFC-236ea	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
HFC-236fa	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
HFC-245ca	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
HFC-245fa	0.19	0.21	0.23	0.25	0.27	0.29	
HFC-365mfc	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
Unspecified mix of HFCs(4) - (kt CO_2 equivalent)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
Emissions of PFCs - (kt CO2 equivalent)	1,712.39	1,215.36	1,520.39	1,661.28	1,499.21	1,705.41	-41.33
CF_4	0.22	0.16	0.20	0.22	0.20	0.23	-29.13
C_2F_6	0.00	0.00	0.00	0.00	0.00	0.00	-94.50
C_3F_8	0.00	0.00	0.00	0.00	0.00	0.00	
C_4F_{10}	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
c-C_4F_8	0.00	0.00	0.00	0.00	0.00	0.00	
C_5F_{12}	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
C_6F_{14}	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
C10F18	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
c-C3F6	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
Unspecified mix of PFCs(4) - (kt CO_2 equivalent)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
Unspecified mix of HFCs and PFCs - (kt CO2 equivalent)	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	NA, NO	
Emissions of SF6 - (kt CO2 equivalent)	492.81	468.87	390.55	438.06	442.20	416.51	2.18
SF_6	0.02	0.02	0.02	0.02	0.02	0.02	2.18
Emissions of NF3 - (kt CO2 equivalent)	18.79	17.97	20.17	27.78	24.93	25.70	
NF3	0.00	0.00	0.00	0.00	0.00	0.00	

Abbreviations: CRF = common reporting format, LULUCF = land use, land-use change and forestry.

[a] The column "Base year" should be filled in only by those Parties with economies in transition that use a base year different from 1990 in accordance with the relevant decisions of the Conference of the Parties. For these Parties, this different base year is used to calculate the percentage change in the final column of this table.

[c]Enter actual emissions estimates. If only potential emissions estimates are available, these should be reported in this table and an indication for this be provided in the documentation box. Only in these rows are the emissions expressed as CO2 equivalent emissions.

[d]In accordance with the "Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual inventories", HFC and PFC emissions should be reported for each relevant chemical. However, if it is not possible to report values for each chemical (i.e. mixtures, confidential data, lack of disaggregation), this row could be used for reporting aggregate figures for HFCs and PFCs, respectively. Note that the unit used for this row is kt of CO2 equivalent and that appropriate notation keys should be entered in the cells for the individual chemicals.)

Custom Footnotes

Documentation Box:

Table 2(a) ITA_BR2_v1.0

Description of quantified economy-wide emission reduction target: base year[a]

Party	*Italy*	
Base year /base period	1990	
Emission reduction target	% of base year/base period	% of 1990 [b]
	20.00	20.00
Period for reaching target	BY-2020	

[a] Reporting by a developed country Party on the information specified in the common tabular format does not prejudge the position of other Parties with regard to the treatment of units from market-based mechanisms under the Convention or other market-based mechanisms towards achievement of quantified economy-wide emission reduction targets.

[b] Optional.

Table 2(b) ITA_BR2_v1.0

Description of quantified economy-wide emission reduction target: gases and sectors covered[a]

Gases covered		*Base year for each gas (year):*
CO_2		1990
CH_4		1990
N_2O		1990
HFCs		1990
PFCs		1990
SF_6		1990
NF_3		
Other Gases (specify)		
Sectors covered[b]	Energy	Yes
	Transport[f]	Yes
	Industrial processes[g]	Yes
	Agriculture	Yes
	LULUCF	No
	Waste	Yes
	Other Sectors (specify)	

Abbreviations : LULUCF = land use, land-use change and forestry.

[a] Reporting by a developed country Party on the information specified in the common tabular format does not prejudge the position of other Parties with regard to the treatment of units from market-based mechanisms under the Convention or other market-based mechanisms towards achievement of quantified economy-wide emission reduction targets.

[b] More than one selection will be allowed. If Parties use sectors other than those indicated above, the explanation of how these sectors relate to the sectors defined by the IPCC should be provided.

[f] Transport is reported as a subsector of the energy sector.

[g] Industrial processes refer to the industrial processes and solvent and other product use sectors.

Table 2(c) ITA_BR2_v1.0

Description of quantified economy-wide emission reduction target: global warming potential values (GWP)[a]

Gases	*GWP values* [b]
CO_2	4th AR
CH_4	4th AR
N_2O	4th AR
HFCs	4th AR
PFCs	4th AR
SF_6	4th AR
NF_3	4th AR
Other Gases (specify)	

Abbreviations: GWP = global warming potential

[a] Reporting by a developed country Party on the information specified in the common tabular format does not prejudge the position of other Parties with regard to the treatment of units from market-based mechanisms under the Convention or other market-based mechanisms towards achievement of quantified economy-wide emission reduction targets.

[b] Please specify the reference for the GWP: Second Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) or the Fourth Assessment Report of the IPCC.

Table 2(d) ITA_BR2_v1.0

Description of quantified economy-wide emission reduction target: approach to counting emissions and removals from the LULUCF sector[a]

Role of LULUCF	LULUCF in base year level and target	Excluded
	Contribution of LULUCF is calculated using	

Abbreviation : LULUCF = land use, land-use change and forestry.

[a] Reporting by a developed country Party on the information specified in the common tabular format does not prejudge the position of other Parties with regard to the treatment of units from market-based mechanisms under the Convention or other market-based mechanisms towards achievement of quantified economy-wide emission reduction targets.

Table 2(e)I ITA_BR2_v1.0

Description of quantified economy-wide emission reduction target: market-based mechanisms under the Convention[a]

Market-based mechanisms under the Convention	*Possible scale of contributions (estimated kt CO_2 eq)*
CERs	1,002.63
ERUs	
AAUs[i]	
Carry-over units[j]	2,473.15
Other mechanism units under the Convention (specify)[d]	

Abbreviations: AAU = assigned amount unit, CER = certified emission reduction, ERU = emission reduction unit.

[a] Reporting by a developed country Party on the information specified in the common tabular format does not prejudge the position of other Parties with regard to the treatment of units from market-based mechanisms under the Convention or other market-based mechanisms towards achievement of quantified economy-wide emission reduction targets.

[d] As indicated in paragraph 5(e) of the guidelines contained in annex I of decision 2/CP.17 .

[i] AAUs issued to or purchased by a Party.

[j] Units carried over from the first to the second commitment periods of the Kyoto Protocol, as described in decision 13/CMP.1 and consistent with decision 1/CMP.8.

Table 2(e)II ITA_BR2_v1.0

Description of quantified economy-wide emission reduction target: other market-based mechanisms[a]

Other market-based mechanisms	*Possible scale of contributions*
(Specify)	*(estimated kt CO_2 eq)*

[a] Reporting by a developed country Party on the information specified in the common tabular format does not prejudge the position of other Parties with regard to the treatment of units from market-based mechanisms under the Convention or other market-based mechanisms towards achievement of quantified economy-wide emission reduction targets.

Description of quantified economy-wide emission reduction target: any other information[a,b]

[a] Reporting by a developed country Party on the information specified in the common tabular format does not prejudge the position of other Parties with regard to the treatment of units from market-based mechanisms under the Convention or other market-based mechanisms towards achievement of quantified economy-wide emission reduction targets.

[b] This information could include information on the domestic legal status of the target or the total assigned amount of emission units for the period for reaching a target. Some of this information is presented in the narrative part of the biennial report.

Custom Footnotes

Table 3 ITA_BR2_v1.0

Progress in achievement of the quantified economy-wide emission reduction target: information on mitigation actions and their effects

Name of mitigation action [a]	*Sector(s) affected* [b]	*GHG(s) affected*	*Objective and/or activity affected*	*Type of instrument* [c]	*Status of implementation* [d]	*Brief description* [e]	*Start year of implementation*	*Implementing entity or entities*	*Estimate of mitigation impact (not cumulative, in kt CO_2 eq)*	
Third "Conto Energia" (art.3 paragraph 1, decree 6 august 2010) and Fourth "Conto Energia" (Decree 5 may 2011)*	Energy	CO_2	Increase in renewable energy	Economic	Implemented	Supporting the expansion of photovoltaic plants through feed in tariffs until a maximum capacity of 8000 MW	2010	Government - Ministry of economic development		2300
Third "Conto Energia" : photovoltaic (art.3 paragraph 2, decree 6 august 2010)*	Energy	CO_2	Increase in renewable energy	Economic	Implemented	Supporting the expansion of photovoltaic plants through feed in tariffs until a maximum capacity of 3000 MW	2010	Government - Ministry of economic development		900
Green Certificate - budget law 2008*	Energy	CO_2	Increase in renewable energy	Economic	Implemented	Green Certificate increased every year by 0,75% for 2007-2012 and establish "omnicomprensiva" rate for plants	2009	Government - Ministry of economic development		4000
European regional development fund (ERDF), National Strategic Framework 2008-2013 - RES*	Energy	CO_2	Increase in renewable energy	Economic	Implemented	Supporting system for RES whit Regional operative program (POR) and Interregional operative program (POIN)	2008	Local Authorities - Regions		1400
White certificates - decree december 2007 - CHP*	Energy	CO_2	Efficiency improvement in the energy and transformation sector	Economic	Implemented	Governament - Supporting CHP and district heating plants for 2008-2012	2008	Italian Regulatory Authority for Electricity Gas and Water		970
National Strategic Framework 2007-2013 - ERDF - CHP*	Energy	CO_2	Efficiency improvement in the energy and transformation sector	Economic	Implemented	Supporting CHP and energy savings with POR and POIN	2007	Local Authorities - Regions		240
White certificates - decree december 2007 - Industry*	Industry/industrial processes	CO_2	Efficiency improvement in industrial end-use sectors	Economic	Implemented	Supporting electric energy saving for the period 2008-2012	2008	GSE- Manager for Energy Service		2020
Legislative decree 201/07 (trasposition of directive 2005/32/EC) - Industry*	Industry/industrial processes	CO_2	Efficiency improvement in industrial end-use sectors	Economic	Implemented	Installation of highly efficient electric motors and inverters through minimum mandatory standards	2008	Italian Regulatory Authority for Electricity Gas and Water		1920
European regional development fund (ERDF), National Strategic Framework 2008-2013 - Electric energy saving*	Industry/industrial processes	CO_2	Efficiency improvement in industrial end-use sectors	Economic	Implemented	Supporting electric energy saving with POR and POIN	2008	Local Authorities - Regions		660
Nitric acid*	Industry/industrial processes	N_2O	Installation of abatement technologies	Voluntary Agreement	Implemented	Reduction of N2O emissions in nitric acid production plants	2010	Companies - Plants		740

Table 3 ITA_BR2_v1.0

Progress in achievement of the quantified economy-wide emission reduction target: information on mitigation actions and their effects

Name of mitigation action [a]	*Sector(s) affected* [b]	*GHG(s) affected*	*Objective and/or activity affected*	*Type of instrument* [c]	*Status of implementation* [d]	*Brief description* [e]	*Start year of implementation*	*Implementing entity or entities*	*Estimate of mitigation impact (not cumulative, in kt CO_2 eq)*	
Building Regulation (Legislative decree 192/05 as amended by legislative decree 311/06)*	Other (Other sectors)	CO_2	Efficiency improvements of buildings	Regulatory	Implemented	Minimum mandatory standards on new and existing buildings (Energy Efficency)	2006	Local Authorities - Municipalities		3610
Budget law 2007 and budget law 2008*	Other (Other sectors)	CO_2	Efficiency improvements of buildings	Fiscal	Implemented	Supporting of energy saving in existing buildings through tax deduction of 55%.	2008	Government - Ministry of Ministry of Finance		610
Budget law 2009*	Other (Other sectors)	CO_2	Efficiency improvements of buildings	Fiscal	Implemented	Supporting of energy saving in existing buildings through tax deduction of 55%	2010	Government - Ministry of Ministry of Finance		440
White certificates - decree december 2007 - Commercial*	Other (Other sectors)	CO_2	Efficiency improvement in services/ tertiary sector	Economic	Implemented	Supporting of energy saving 2008-2012 (Energy Efficency)	2008	GSE- Manager for Energy Service		3120
Legislative decree 201/07 (trasposition of directive 2005/32/EC) - Residential*	Other (Other sectors)	CO_2	Efficiency improvement of appliances	Regulatory	Implemented	First regulation on mandatory energy efficiency standards for energy-using products	2008	Government - Ministry of economic development		2600
National Strategic Framework 2007-2013 - ERDF - Residential energy saving*	Other (Other sectors)	CO_2	Efficiency improvement of appliances	Economic	Implemented	Supporting electric energy saving with POR and POIN	2007	Local Authorities - Regions		420
Infrastructural measures *	Transport	CO_2	Improved transport infrastructure	Other (Planning)	Implemented	High Capacity and High Speed road. Regional networks for passengers and freight, subway	2008	Government - Ministry of transport		5700
National Strategic Framework 2007-2013 - FESR*	Transport	CO_2	Modal shift to public transport or non-motorized transport	Other (Planning)	Implemented	Intermodal infrastructure projects: metropolitan railways	2008	Government - Ministry of transport		1280
Emission standard for new car (Regulation (EC) No 443/2009)*	Transport	CO_2	Efficiency improvements of vehicles	Regulatory	Implemented	Fleet update at 120 g CO2/km in 2015 and 95 g CO2/km in 2020	2008	Government - Ministry of economic development		10200
Legislative decree 128/05(trasposition of directive 2003/30/EC)*	Transport	CO_2	Low carbon fuels/electric cars	Regulatory	Implemented	Mandatory use biofuels (target 4.5% to 2012)	2008	Government - Ministry of economic development		1490
Legislative Decree 28/2011 (transposition of directive 2009/28/EC)*	Transport	CO_2	Low carbon fuels/electric cars	Regulatory	Implemented	Mandatory use biofuels (target 10% to 2020)	2014	Government - Ministry of economic development		1580
Nitrogen fertilizer*	Agriculture	N_2O	Reduction of fertilizer/manure use on cropland	Regulatory	Implemented	Rationalisation in the use of nitrogen fertilizer	2007	Government - Ministry of Agriculture		790
Animal storage*	Agriculture	CH_4	Improved animal waste management systems	Regulatory	Implemented	Recovery of biogas from animal storage system	2007	Government - Ministry of Agriculture		400

Table 3 ITA_BR2_v1.0

Progress in achievement of the quantified economy-wide emission reduction target: information on mitigation actions and their effects

Name of mitigation action [a]	*Sector(s) affected* [b]	*GHG(s) affected*	*Objective and/or activity affected*	*Type of instrument* [c]	*Status of implementation* [d]	*Brief description* [e]	*Start year of implementation*	*Implementing entity or entities*	*Estimate of mitigation impact (not cumulative, in kt CO_2 eq)*	
Separate collection*	Waste management/waste	CH_4	Reduced landfilling	Regulatory	Implemented	Compliance with separate collection targets and reduction of biodegradable waste disposed into landfills	2008	Local Authorities - Regions		3700
New measure of promoting and supporting renewable energy sources for electricity (RES-E)	Energy	CO_2	Increase in renewable energy	Economic	Planned	Supporting the expansion of photovoltaic and concentrated solar power plants (CSP) through feed in tariffs until a maximum capacity of 36 GW	2020	Government - Ministry of economic development		0
New measure of promoting and supporting renewable energy sources for electricity	Energy	CO_2	Increase in renewable energy	Economic	Planned	Supporting the expansion of electricity production from renewable sources (excluding photovoltaics) and including high efficiency cogeneration	2015	Government - Ministry of economic development		1700
National Action Plan for Renewable Energy 2010	Energy	CO_2	Reduction of losses	Regulatory	Planned	Reducing energy losses through the modernization of the national electricity transmission and distribution grid	2020	Government - Ministry of economic development		0
National Action Plan for Renewable Energy 2010	Energy	CO_2	Increase in renewable energy - Storage system	Regulatory	Planned	Storage systems for the management of production from RES	2015	TERNA - Manager for the electricity transmission grids		25
National Action Plan for Renewable Energy 2010	Energy	CO_2	Other energy supply - Development of the national electricity distribution network	Regulatory	Planned	Development of the national electricity distribution network to allow the increase of the Distributed Generation (DG)	2015	TERNA - Manager for the electricity transmission grids		IE
Further extend of energy saving targets (White certificates 2020-2030)	Energy	CO_2	Efficiency improvement in the energy and transformation sector	Economic	Planned	Supporting the expansion high efficiency cogeneration plants using fossil fuels through feed in tariffs until a maximum capacity of 9 GW	2020	GSE- Manager forEnergy Service		0
Further extend of energy saving targets (White certificates 2020-2030)	Industry/industrial processes	CO_2	Efficiency improvement in industrial end-use sectors	Economic	Planned	Energy efficiency measures in industry	2020	GSE- Manager forEnergy Service		0
Supporting of energy saving in existing buildings through tax deduction of 55%	Other (Other sectors)	CO_2	Efficiency improvements of buildings	Fiscal	Planned	Restructuring for thermal insulation in residential buildings: 25% of the national building stock. The measure will apply in years after 2020.	2020	Government - Ministry of Finance		0
Legislative decree 28/2011 (Promoting energy saving in the residential sector (public, domestic, tertiary): insulation, replacement windows and boilers, installation of heat pumps and solar thermal panels	Other (Other sectors)	CO_2	Efficiency improvements of buildings	Economic	Planned	Investments of air conditioning systems (cooling and heating) in the residential sector Restructuring of the service sector’s buildings	2012	GSE- Manager forEnergy Service		4060

Table 3 ITA_BR2_v1.0

Progress in achievement of the quantified economy-wide emission reduction target: information on mitigation actions and their effects

Name of mitigation action [a]	*Sector(s) affected* [b]	*GHG(s) affected*	*Objective and/or activity affected*	*Type of instrument* [c]	*Status of implementation* [d]	*Brief description* [e]	*Start year of implementation*	*Implementing entity or entities*	*Estimate of mitigation impact (not cumulative, in kt CO_2 eq)*	
Further extend of energy saving targets (White certificates 2020-2030)	Other (Other sectors)	CO_2	Efficiency improvement of appliances	Economic	Planned	Energy efficiency measures for electrical uses in the residential and tertiary sectors	2020	GSE- Manager forEnergy Service		0
Measure of promoting and supporting the development of charging infrastructure	Transport	CO_2	Low carbon fuels/electric cars	Other (Planning)	Planned	Development of refueling infrastructure to allow a wider use of electric transport: - incentives to install a target of 3500 fast charging points - promotion for 3 mln residential charging units	2020	Government - Ministry of Transport		0
Modal shift	Transport	CO_2	Modal shift to public transport or non-motorized transport	Other (Planning)	Planned	Modal shift of 3.5% of car/motobike transportation demand to the public transport	2016	Government - Ministry of Transport		453
Promoting and supporting renewal of car fleet with a promotion of electrical vehicles	Transport	CO_2	Low carbon fuels/electric cars	Economic	Planned	Incentives to speed up replacement of vehicle fleet with new vehicles, including special incentive for electric cars. The effect of an eventual expansion of mandatory biofuels quota is included in the CO2 target.	2018	Government - Ministry of economic development		1640

Note : The two final columns specify the year identified by the Party for estimating impacts (based on the status of the measure and whether an ex post or ex ante estimation is available).

Abbreviations : GHG = greenhouse gas; LULUCF = land use, land-use change and forestry.

[a] Parties should use an asterisk (*) to indicate that a mitigation action is included in the ‘with measures’ projection.

[b] To the extent possible, the following sectors should be used: energy, transport, industry/industrial processes, agriculture, forestry/LULUCF, waste management/waste, other sectors, cross-cutting, as appropriate.

[c] To the extent possible, the following types of instrument should be used: economic, fiscal, voluntary agreement, regulatory, information, education, research, other.

[d] To the extent possible, the following descriptive terms should be used to report on the status of implementation: implemented, adopted, planned.

[e] Additional information may be provided on the cost of the mitigation actions and the relevant timescale.

[f] Optional year or years deemed relevant by the Party.

Custom Footnotes

Table 4 ITA_BR2_v1.0

Reporting on progress[a, b]

	Total emissions excluding LULUCF	*Contribution from LULUCF*[d]	*Quantity of units from market based mechanisms under the Convention*		*Quantity of units from other market based mechanisms*	
Year[c]	*(kt CO_2 eq)*	*(kt CO_2 eq)*	*(number of units)*	*(kt CO_2 eq)*	*(number of units)*	*(kt CO_2 eq)*
(1990)	521,058.31	NA	NA			
2010	506,489.19	NA	NA			
2011	494,292.22	NA	NA			
2012	468,913.36	NA	NA			
2013	437,267.50	NA	NA			
2014	417,254.86	NA	NA			

Abbreviation : GHG = greenhouse gas, LULUCF = land use, land-use change and forestry.

[a] Reporting by a developed country Party on the information specified in the common tabular format does not prejudge the position of other Parties with regard to the treatment of units from market-based mechanisms under the Convention or other market-based mechanisms towards achievement of quantified economy-wide emission reduction targets.

[b] For the base year, information reported on the emission reduction target shall include the following: (a) total GHG emissions, excluding emissions and removals from the LULUCF sector; (b) emissions and/or removals from the LULUCF sector based on the accounting approach applied taking into consideration any relevant decisions of the Conference of the Parties and the activities and/or land that will be accounted for; (c) total GHG emissions, including emissions and removals from the LULUCF sector. For each reported year, information reported on progress made towards the emission reduction targets shall include, in addition to the information noted in paragraphs 9(a–-c) of the UNFCCC biennial reporting guidelines for developed country Parties, information on the use of units from market-based mechanisms.

[c] Parties may add additional rows for years other than those specified below.

[d] Information in this column should be consistent with the information reported in table 4(a)I or 4(a)II, as appropriate. The Parties for which all relevant information on the LULUCF contribution is reported in table 1 of this common tabular format can refer to table 1.

Custom Footnotes

Emission figures for 2014 are provisional

Table 4(a)I ITA_BR2_v1.0

Progress in achieving the quantified economy-wide emission reduction targets – further information on mitigation actions relevant to the contribution of the land use, land-use change and forestry sector in 2013 [a,b]

	Net GHG emissions/removals from LULUCF categories [c]	*Base year/period or reference level value* [d]	*Contribution from LULUCF for reported year*	*Cumulative contribution from LULUCF* [e]	*Accounting approach* [f]
	(kt CO_2 eq)				
Total LULUCF					
A. Forest land					
1. Forest land remaining forest land					
2. Land converted to forest land					
3. Other [g]					
B. Cropland					
1. Cropland remaining cropland					
2. Land converted to cropland					
3. Other [g]					
C. Grassland					
1. Grassland remaining grassland					
2. Land converted to grassland					
3. Other [g]					
D. Wetlands					
1. Wetland remaining wetland					
2. Land converted to wetland					
3. Other [g]					
E. Settlements					
1. Settlements remaining settlements					
2. Land converted to settlements					
3. Other [g]					
F. Other land					
1. Other land remaining other land					
2. Land converted to other land					
3. Other [g]					
Harvested wood products					

Abbreviations: GHG = greenhouse gas, LULUCF = land use, land-use change and forestry.

[a] Reporting by a developed country Party on the information specified in the common tabular format does not prejudge the position of other Parties with regard to the treatment of units from market-based mechanisms under the Convention or other market-based mechanisms towards achievement of quantified economy-wide emission reduction targets.

[b] Parties that use the LULUCF approach that is based on table 1 do not need to complete this table, but should indicate the approach in table 2. Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

[c] For each category, enter the net emissions or removals reported in the most recent inventory submission for the corresponding inventory year. If a category differs from that used for the reporting under the Convention or its Kyoto Protocol, explain in the biennial report how the value was derived.

[d] Enter one reference level or base year/period value for each category. Explain in the biennial report how these values have been calculated.

[e] If applicable to the accounting approach chosen. Explain in this biennial report to which years or period the cumulative contribution refers to.

[f] Label each accounting approach and indicate where additional information is provided within this biennial report explaining how it was implemented, including all relevant accounting parameters (i.e. natural disturbances, caps).

[g] Specify what was used for the category "other". Explain in this biennial report how each was defined and how it relates to the categories used for reporting under the Convention or its Kyoto Protocol.

Custom Footnotes

Table 4(a)I ITA_BR2_v1.0

Progress in achieving the quantified economy-wide emission reduction targets – further information on mitigation actions relevant to the contribution of the land use, land-use change and forestry sector in 2014 [a, b]

	Net GHG emissions/removals from LULUCF categories [c]	*Base year/period or reference level value* [d]	*Contribution from LULUCF for reported year*	*Cumulative contribution from LULUCF* [e]	*Accounting approach* [f]
	(kt CO_2 eq)				
Total LULUCF					
A. Forest land					
1. Forest land remaining forest land					
2. Land converted to forest land					
3. Other [g]					
B. Cropland					
1. Cropland remaining cropland					
2. Land converted to cropland					
3. Other [g]					
C. Grassland					
1. Grassland remaining grassland					
2. Land converted to grassland					
3. Other [g]					
D. Wetlands					
1. Wetland remaining wetland					
2. Land converted to wetland					
3. Other [g]					
E. Settlements					
1. Settlements remaining settlements					
2. Land converted to settlements					
3. Other [g]					
F. Other land					
1. Other land remaining other land					
2. Land converted to other land					
3. Other [g]					
Harvested wood products					

Abbreviations: GHG = greenhouse gas, LULUCF = land use, land-use change and forestry.

[a] Reporting by a developed country Party on the information specified in the common tabular format does not prejudge the position of other Parties with regard to the treatment of units from market-based mechanisms under the Convention or other market-based mechanisms towards achievement of quantified economy-wide emission reduction targets.

[b] Parties that use the LULUCF approach that is based on table 1 do not need to complete this table, but should indicate the approach in table 2. Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

[c] For each category, enter the net emissions or removals reported in the most recent inventory submission for the corresponding inventory year. If a category differs from that used for the reporting under the Convention or its Kyoto Protocol, explain in the biennial report how the value was derived.

[d] Enter one reference level or base year/period value for each category. Explain in the biennial report how these values have been calculated.

[e] If applicable to the accounting approach chosen. Explain in this biennial report to which years or period the cumulative contribution refers to.

[f] Label each accounting approach and indicate where additional information is provided within this biennial report explaining how it was implemented, including all relevant accounting parameters (i.e. natural disturbances, caps).

[g] Specify what was used for the category “other”. Explain in this biennial report how each was defined and how it relates to the categories used for reporting under the Convention or its Kyoto Protocol.

Custom Footnotes

Table 4(b) ITA_BR2_v1.0

Reporting on progress[a, b, c]

Units of market based mechanisms			*Year*	
			2013	*2014*
Kyoto Protocol units[d]	*Kyoto Protocol units*	*(number of units)*	NA	NA
		(kt CO_2 eq)	NA	NA
	AAUs	*(number of units)*	NA	NA
		(kt CO2 eq)	NA	NA
	ERUs	*(number of units)*	NA	NA
		(kt CO2 eq)	NA	NA
	CERs	*(number of units)*	NA	NA
		(kt CO2 eq)	NA	NA
	tCERs	*(number of units)*	NA	NA
		(kt CO2 eq)	NA	NA
	lCERs	*(number of units)*	NA	NA
		(kt CO2 eq)	NA	NA
Other units[d,e]	*Units from market-based mechanisms under the Convention*	*(number of units)*		
		(kt CO_2 eq)		
	Units from other market-based mechanisms	*(number of units)*		
		(kt CO_2 eq)		
Total		*(number of units)*	NA	NA
		(kt CO_2 eq)	NA	NA

Abbreviations : AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, lCERs = long-term certified emission reductions, tCERs = temporary certified emission reductions.
Note: 2011 is the latest reporting year.

[a] Reporting by a developed country Party on the information specified in the common tabular format does not prejudge the position of other Parties with regard to the treatment of units from market-based mechanisms under the Convention or other market-based mechanisms towards achievement of quantified economy-wide emission reduction targets.

[b] For each reported year, information reported on progress made towards the emission reduction target shall include, in addition to the information noted in paragraphs 9(a-c) of the reporting guidelines, on the use of units from market-based mechanisms.

[c] Parties may include this information, as appropriate and if relevant to their target.

[d] Units surrendered by that Party for that year that have not been previously surrendered by that or any other Party.

[e] Additional rows for each market-based mechanism should be added, if applicable.

Custom Footnotes

Table 5 ITA_BR2_v1.0

Summary of key variables and assumptions used in the projections analysis[a]

Key underlying assumptions		*Historical*[b]							Projected		
Assumption	*Unit*	*1990*	*1995*	2000	2005	2010	2011	2015	2020	2025	2030
Gross Domestic Product	*constant 2010 € (billion)*		1,409.62	1,556.22	1,630.72	1,605.69	1,615.12	1,584.93	1,669.90	1,800.73	1,936.08
GDP growth rate	%			2.00	0.94	-0.31	0.59	-0.47	1.05	1.52	1.46
Population	million	56.72	56.84	56.94	58.06	59.71	59.95	61.64	62.50	63.08	63.68
Population growth rate	%		0.04	0.03	0.39	0.56	0.41	1.41	0.28	0.18	0.19
Total gross inland consumption - ‘with measures’ scenario	PJ	6,422.90	6,768.22	7,289.32	7,843.79	7,311.99	7,197.73	6,113.02	6,167.71	6,013.68	5,852.83
Total gross inland consumption - ‘with additional measures’ scenario	PJ	6,422.90	6,768.22	7,289.32	7,843.79	7,311.99	7,197.73	6,076.39	6,033.12	5,803.72	5,612.11
International coal price	2010 € / boe					16.00		22.00	22.60	23.70	24.00
International oil price	2010 € / boe					60.00		86.00	88.50	89.20	93.10
International gas price	2010 € / boe					37.90		53.80	61.50	58.90	64.50
Carbon price	2010 € / t CO2				0.00	10.70	12.89	14.10	17.40	24.10	30.80
Gross value-added total industry	2010 € (billion)		351.48	368.91	382.49	351.79	350.65	347.41	365.13	387.57	411.39
Share of the industrial sector in GDP	%		24.93	23.71	23.46	21.91	21.71	21.92	21.87	21.52	21.25
Gross value-added services	2010 € (billion)		904.91	1,002.66	1,054.68	1,064.22	1,073.43	1,056.04	1,112.07	1,203.99	1,309.77
Share of the services sector in GDP	%		64.20	64.43	64.68	66.28	66.46	66.63	66.59	66.86	67.65
Passenger person kilometres (all transport modes in absolute figures)	billion pass-km, excluding civil aviation		823.69	919.85	900.54	916.58	885.72	831.30	862.23	895.96	926.39
Freight ton-km (all transport modes in absolute figures)	billion tonn-km		290.00	297.10	317.80	279.90	255.60	230.06	249.86	269.24	302.03
Livestock:-Dairy cattle	1000 heads					1,746.14	1,754.98	1,729.69	1,653.39	1,641.77	1,630.96
Livestock:-Non-dairy cattle	1000 heads					4,086.32	4,142.54	4,194.32	4,089.73	4,056.92	3,970.24
Livestock:-Sheep	1000 heads					7,900.02	7,942.64	7,752.43	7,860.62	7,934.10	7,984.61
Livestock:-Pig	1000 heads					9,321.12	9,350.78	9,463.09	9,526.06	9,595.74	9,692.83
Livestock:-Poultry	1000 heads					198,346.72	200,718.16	199,646.44	201,310.18	204,378.06	205,589.80
Nitrogen input from application of synthetic fertilizers	kt nitrogen					496.64	515.97	558.45	610.21	610.21	610.21
Nitrogen input from application of manure	kt nitrogen					535.66	537.84	546.40	540.68	544.70	545.62
Nitrogen fixed by N-fixing crops	kt nitrogen					170.14	167.39	153.11	143.02	132.68	123.19
Nitrogen in crop residues returned to soils	kt nitrogen					189.60	189.38	114.08	99.07	91.56	88.92
Area of cultivated organic soils	Ha (hectares)					24,690.00	24,690.00	24,690.00	24,690.00	24,690.00	24,690.00
Municipal solid waste (MSW) generation	tonne MSW					32,479,112.00	31,386,220.10	30,562,732.74	30,989,238.28	31,278,924.05	31,478,056.96
Municipal solid waste (MSW) going to landfills	tonne MSW					18,523,519.00	16,088,435.00	12,312,278.22	8,648,847.95	7,946,406.43	7,208,995.13
Share of CH4 recovery in total CH4 generation from landfills	*%*					0.36	0.38	0.46	0.52	0.56	0.58

[a] Parties should include key underlying assumptions as appropriate.

[b] Parties should include historical data used to develop the greenhouse gas projections reported.

Custom Footnotes

Table 6(a) ITA_BR2_v1.0

Information on updated greenhouse gas projections under a 'with measures' scenario[a]

	GHG emissions and removals[b]							GHG emission projections	
	(kt CO_2 eq)							(kt CO_2 eq)	
	Base year (1990)	1990	1995	2000	2005	2010	2013	2020	2030
Sector[d,e]									
Energy	231,872.02	231,872.02	234,579.44	246,246.55	266,848.84	238,328.67	203,974.53	198,646.10	198,519.76
Transport	103,241.48	103,241.48	114,240.82	123,655.32	128,700.08	119,560.29	103,434.15	106,436.36	115,608.00
Industry/industrial processes	126,488.02	126,488.02	123,826.55	122,092.78	125,368.13	96,244.22	80,572.03	89,699.11	92,463.29
Agriculture	36,197.40	36,197.40	36,210.27	35,624.79	33,121.20	30,959.49	30,789.74	31,002.95	31,201.94
Forestry/LULUCF	-5,439.56	-5,439.56	-23,564.82	-18,301.92	-30,669.00	-34,205.89	-34,081.57	-25,453.32	-40,349.17
Waste management/waste	23,259.39	23,259.39	23,814.43	26,122.93	24,219.53	21,396.52	18,497.07	14,663.80	11,704.02
Other (specify)									
Gas									
CO_2 emissions including net CO_2 from LULUCF	428,785.26	428,785.26	423,109.96	445,744.18	459,864.49	394,255.00	326,105.06	340,722.93	339,929.01
CO_2 emissions excluding net CO_2 from LULUCF	436,203.83	436,203.83	447,200.96	465,172.78	491,006.31	428,935.59	360,422.65	366,764.35	380,670.87
CH_4 emissions including CH_4 from LULUCF	55,639.66	55,639.66	54,406.81	55,980.63	50,716.43	46,992.16	44,272.79	40,815.23	36,898.92
CH_4 emissions excluding CH_4 from LULUCF	53,966.26	53,966.26	54,022.53	55,034.07	50,337.24	46,634.30	44,074.19	40,311.13	36,542.47
N_2O emissions including N_2O from LULUCF	27,435.37	27,435.37	28,662.36	29,642.84	28,489.12	19,379.78	19,142.25	19,893.63	20,184.19
N_2O emissions excluding N_2O from LULUCF	27,129.76	27,129.76	28,520.46	29,462.72	28,395.49	19,262.92	19,104.83	19,809.62	20,147.94
HFCs	444.00	444.00	813.44	2,098.16	5,998.32	9,725.27	11,518.21	11,605.51	10,176.86
PFCs	2,906.86	2,906.86	1,450.33	1,388.29	1,939.95	1,520.39	1,705.41	1,609.34	1,609.34
SF_6	407.61	407.61	663.78	560.73	547.10	390.55	416.51	322.66	323.81
Other (specify)	0.00	0.00	0.00	25.63	33.38	20.17	25.70	25.70	25.70
NF3	0.00	0.00	0.00	25.63	33.38	20.17	25.70	25.70	25.70
Total with LULUCF[f]	515,618.76	515,618.76	509,106.68	535,440.46	547,588.79	472,283.32	403,185.93	414,995.00	409,147.83
Total without LULUCF	521,058.32	521,058.32	532,671.50	553,742.38	578,257.79	506,489.19	437,267.50	440,448.31	449,496.99

Abbreviations: GHG = greenhouse gas, LULUCF = land use, land-use change and forestry.

[a] In accordance with the "Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part II: UNFCCC reporting guidelines on national communications", at a minimum Parties shall report a 'with measures' scenario, and may report 'without measures' and 'with additional measures' scenarios. If a Party chooses to report 'without measures' and/or 'with additional measures' scenarios they are to use tables 6(b) and/or 6(c), respectively. If a Party does not choose to report 'without measures' or 'with additional measures' scenarios then it should not include tables 6(b) or 6(c) in the biennial report.

Table 6(a) ITA_BR2_v1.0

Information on updated greenhouse gas projections under a 'with measures' scenario[a]

	GHG emissions and removals[b]							GHG emission projections	
	(kt CO_2 eq)							(kt CO_2 eq)	
	Base year (1990)	1990	1995	2000	2005	2010	2013	2020	2030

[b] Emissions and removals reported in these columns should be as reported in the latest GHG inventory and consistent with the emissions and removals reported in the table on GHG emissions and trends provided in this biennial report. Where the sectoral breakdown differs from that reported in the GHG inventory Parties should explain in their biennial report how the inventory sectors relate to the sectors reported in this table.

[c] 20XX is the reporting due-date year (i.e. 2014 for the first biennial report).

[d] In accordance with paragraph 34 of the "Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part II: UNFCCC reporting guidelines on national communications", projections shall be presented on a sectoral basis, to the extent possible, using the same sectoral categories used in the policies and measures section. This table should follow, to the extent possible, the same sectoral categories as those listed in paragraph 17 of those guidelines, namely, to the extent appropriate, the following sectors should be considered: energy, transport, industry, agriculture, forestry and waste management.

[e] To the extent possible, the following sectors should be used: energy, transport, industry/industrial processes, agriculture, forestry/LULUCF, waste management/waste, other sectors (i.e. cross-cutting), as appropriate.

[f] Parties may choose to report total emissions with or without LULUCF, as appropriate.

Custom Footnotes

Table 6(c) ITA_BR2_v1.0

Information on updated greenhouse gas projections under a 'with additional measures' scenario[a]

	GHG emissions and removals[b]							GHG emission projections	
	(kt CO_2 eq)							(kt CO_2 eq)	
	Base year (1990)	1990	1995	2000	2005	2010	2013	2020	2030
Sector[d,e]									
Energy	231,872.02	231,872.02	234,579.44	246,246.55	266,848.84	238,328.67	203,974.53	192,411.23	175,429.54
Transport	103,241.48	103,241.48	114,240.82	123,655.32	128,700.08	119,560.29	103,434.15	101,295.96	104,185.11
Industry/industrial processes	126,488.02	126,488.02	123,826.55	122,092.78	125,368.13	96,244.22	80,572.03	84,973.61	81,962.19
Agriculture	36,197.40	36,197.40	36,210.27	35,624.79	33,121.20	30,959.49	30,789.74	31,002.95	31,201.94
Forestry/LULUCF	-5,439.56	-5,439.56	-23,564.82	-18,301.92	-30,669.00	-34,205.89	-34,081.57	-25,453.32	-40,349.17
Waste management/waste	23,259.39	23,259.39	23,814.43	26,122.93	24,219.53	21,396.52	18,497.07	14,663.80	11,704.02
Other (specify)									
Gas									
CO_2 emissions including net CO_2 from LULUCF	428,785.26	428,785.26	423,109.96	445,744.18	459,864.49	394,255.00	326,105.06	325,222.93	296,429.01
CO_2 emissions excluding net CO_2 from LULUCF	436,203.83	436,203.83	447,200.96	465,172.78	491,006.31	428,935.59	360,422.65	351,264.35	337,170.87
CH_4 emissions including CH_4 from LULUCF	55,639.66	55,639.66	54,406.81	55,980.63	50,716.43	46,992.16	44,272.79	40,591.63	36,318.14
CH_4 emissions excluding CH_4 from LULUCF	53,966.26	53,966.26	54,022.53	55,034.07	50,337.24	46,634.30	44,074.19	40,087.53	35,961.69
N_2O emissions including N_2O from LULUCF	27,435.37	27,435.37	28,662.36	29,642.84	28,489.12	19,379.78	19,142.25	19,516.46	19,250.77
N_2O emissions excluding N_2O from LULUCF	27,129.76	27,129.76	28,520.46	29,462.72	28,395.49	19,262.92	19,104.83	19,432.45	19,214.51
HFCs	444.00	444.00	813.44	2,098.16	5,998.32	9,725.27	11,518.21	11,605.51	10,176.86
PFCs	2,906.86	2,906.86	1,450.33	1,388.29	1,939.95	1,520.39	1,705.41	1,609.34	1,609.34
SF_6	407.61	407.61	663.78	560.73	547.10	390.55	416.51	322.66	323.81
Other (specify)	0.00	0.00	0.00	25.63	33.38	20.17	25.70	25.70	25.70
NF3	0.00	0.00	0.00	25.63	33.38	20.17	25.70	25.70	25.70
Total with LULUCF[f]	515,618.76	515,618.76	509,106.68	535,440.46	547,588.79	472,283.32	403,185.93	398,894.23	364,133.63
Total without LULUCF	521,058.32	521,058.32	532,671.50	553,742.38	578,257.79	506,489.19	437,267.50	424,347.54	404,482.78

Abbreviations: GHG = greenhouse gas, LULUCF = land use, land-use change and forestry.

[a] In accordance with the "Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part II: UNFCCC reporting guidelines on national communications", at a minimum Parties shall report a 'with measures' scenario, and may report 'without measures' and 'with additional measures' scenarios. If a Party chooses to report 'without measures' and/or 'with additional measures' scenarios they are to use tables 6(b) and/or 6(c), respectively. If a Party does not choose to report 'without measures' or 'with additional measures' scenarios then it should not include tables 6(b) or 6(c) in the biennial report.

Table 6(c) ITA_BR2_v1.0

Information on updated greenhouse gas projections under a 'with additional measures' scenario[a]

	GHG emissions and removals[b]							GHG emission projections	
	(kt CO_2 eq)							(kt CO_2 eq)	
	Base year (1990)	1990	1995	2000	2005	2010	2013	2020	2030

[b] Emissions and removals reported in these columns should be as reported in the latest GHG inventory and consistent with the emissions and removals reported in the table on GHG emissions and trends provided in this biennial report. Where the sectoral breakdown differs from that reported in the GHG inventory Parties should explain in their biennial report how the inventory sectors relate to the sectors reported in this table.

[c] 20XX is the reporting due-date year (i.e. 2014 for the first biennial report).

[d] In accordance with paragraph 34 of the "Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part II: UNFCCC reporting guidelines on national communications", projections shall be presented on a sectoral basis, to the extent possible, using the same sectoral categories used in the policies and measures section. This table should follow, to the extent possible, the same sectoral categories as those listed in paragraph 17 of those guidelines, namely, to the extent appropriate, the following sectors should be considered: energy, transport, industry, agriculture, forestry and waste management.

[e] To the extent possible, the following sectors should be used: energy, transport, industry/industrial processes, agriculture, forestry/LULUCF, waste management/waste, other sectors (i.e. cross-cutting), as appropriate.

[f] Parties may choose to report total emissions with or without LULUCF, as appropriate.

Table 7 ITA_BR2_v1.0

Provision of public financial support: summary information in 2013[a]

Allocation channels	*Year*									
	European euro - EUR					*USD*[b]				
	Core/ general[c]	*Climate-specific*[d]				*Core/ general*[c]	*Climate-specific*[d]			
		Mitigation	*Adaptation*	*Cross-cutting*[e]	*Other*[f]		*Mitigation*	*Adaptation*	*Cross-cutting*[e]	*Other*[f]
Total contributions through multilateral channels:		2.80	0.60	10.95		537.43			134.80	
Multilateral climate change funds[g]						20.70			11.40	
Other multilateral climate change funds[h]										
Multilateral financial institutions, including regional development banks						516.73			123.40	
Specialized United Nations bodies		2.80	0.60	10.95						
Total contributions through bilateral, regional and other channels		6.87	13.40	26.08						
Total		9.67	14.00	37.03		537.43			134.80	

Abbreviation: USD = United States dollars.

[a] Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

[b] Parties should provide an explanation on methodology used for currency exchange for the information provided in table 7, 7(a) and 7(b) in the box below.

[c] This refers to support to multilateral institutions that Parties cannot specify as climate-specific.

[d] Parties should explain in their biennial reports how they define funds as being climate-specific.

[e] This refers to funding for activities which are cross-cutting across mitigation and adaptation.

[f] Please specify.

[g] Multilateral climate change funds listed in paragraph 17(a) of the "UNFCCC biennial reporting guidelines for developed country Parties" in decision 2/CP.17.

[h] Other multilateral climate change funds as referred in paragraph 17(b) of the "UNFCCC biennial reporting guidelines for developed country Parties" in decision 2/CP.17.

Custom Footnotes

Each Party shall provide an indication of what new and additional financial resources they have provided, and clarify how they have determined that such resources are new and additional. Please provide this information in relation to table 7(a) and table 7(b).
Documentation Box:

Table 7 ITA_BR2_v1.0

Provision of public financial support: summary information in 2014[a]

Allocation channels	*Year*									
	European euro - EUR					*USD*[b]				
	Core/ general[c]	*Climate-specific*[d]				*Core/ general*[c]	*Climate-specific*[d]			
		Mitigation	*Adaptation*	*Cross-cutting*[e]	*Other*[f]		*Mitigation*	*Adaptation*	*Cross-cutting*[e]	*Other*[f]
Total contributions through multilateral channels:		0.20		20.96		494.30			157.76	
Multilateral climate change funds[g]									18.10	
Other multilateral climate change funds[h]										
Multilateral financial institutions, including regional development banks						494.30			123.88	
Specialized United Nations bodies		0.20		20.96					15.78	
Total contributions through bilateral, regional and other channels		12.55	1.91	11.08						
Total		12.75	1.91	32.04		494.30			157.76	

Abbreviation: USD = United States dollars.

[a] Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

[b] Parties should provide an explanation on methodology used for currency exchange for the information provided in table 7, 7(a) and 7(b) in the box below.

[c] This refers to support to multilateral institutions that Parties cannot specify as climate-specific.

[d] Parties should explain in their biennial reports how they define funds as being climate-specific.

[e] This refers to funding for activities which are cross-cutting across mitigation and adaptation.

[f] Please specify.

[g] Multilateral climate change funds listed in paragraph 17(a) of the “UNFCCC biennial reporting guidelines for developed country Parties” in decision 2/CP.17.

[h] Other multilateral climate change funds as referred in paragraph 17(b) of the “UNFCCC biennial reporting guidelines for developed country Parties” in decision 2/CP.17.

Custom Footnotes

Each Party shall provide an indication of what new and additional financial resources they have provided, and clarify how they have determined that such resources are new and additional. Please provide this information in relation to table 7(a) and table 7(b).
Documentation Box:

Table 7(a) ITA_BR2_v1.0

Provision of public financial support: contribution through multilateral channels in 2013[a]

Donor funding	*Total amount*				*Status* [b]	*Funding source* [f]	*Financial instrument* [f]	*Type of support* [f, g]	*Sector* [c]
	Core/general [d]		*Climate-specific* [e]						
	European euro - EUR	*USD*	*European euro - EUR*	*USD*					
Total contributions through multilateral channels		537.43	14.35	134.80					
Multilateral climate change funds [g]		20.70		11.40					
1. Global Environment Facility		20.70		11.40	Provided	ODA	Grant	Cross-cutting	Cross-cutting
2. Least Developed Countries Fund									
3. Special Climate Change Fund									
4. Adaptation Fund									
5. Green Climate Fund									
6. UNFCCC Trust Fund for Supplementary Activities									
7. Other multilateral climate change funds									
Multilateral financial institutions, including regional development banks		516.73		123.40					
1. World Bank									
2. International Finance Corporation									
3. African Development Bank		138.82		45.80	Provided	ODA	Grant	Cross-cutting	Cross-cutting
4. Asian Development Bank		53.10		13.30	Provided	ODA	Grant	Cross-cutting	Cross-cutting
5. European Bank for Reconstruction and Development									
6. Inter-American Development Bank									
7. Other		324.81		64.30					
International Development Association		324.81		64.30	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Specialized United Nations bodies			14.35						
1. United Nations Development Programme			0.28						
UNDP			0.28		Provided	ODA	Grant	Cross-cutting	Agriculture
2. United Nations Environment Programme			6.65						
UNEP			6.65		Provided	ODA	Grant	Cross-cutting	Cross-cutting
3. Other			7.42						
UNDESA			2.00		Provided	ODA	Grant	Mitigation	
UNCCD			0.80		Provided	ODA	Grant	Mitigation	Cross-cutting
UNIDO			0.60		Provided	ODA	Grant	Adaptation	Cross-cutting
FAO			3.90		Provided	ODA	Grant	Cross-cutting	Cross-cutting
UNECE			0.12		Provided	ODA	Grant	Cross-cutting	Cross-cutting

Abbreviations: ODA = official development assistance, OOF = other official flows.

[a] Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

[b] Parties should explain, in their biennial reports, the methodologies used to specify the funds as provided, committed and/or pledged. Parties will provide the information for as many status categories as appropriate in the following order of priority: provided, committed, pledged.

[c] Parties may select several applicable sectors. Parties may report sectoral distribution, as applicable, under “Other”.

[d] This refers to support to multilateral institutions that Parties cannot specify as climate-specific.

[e] Parties should explain in their biennial reports how they define funds as being climate-specific.

[f] Please specify.

[g] Cross-cutting type of support refers to funding for activities which are cross-cutting across mitigation and adaptation.

Custom Footnotes

Table 7(a) ITA_BR2_v1.0

Provision of public financial support: contribution through multilateral channels in 2014[a]

Donor funding	*Total amount*				*Status* [b]	*Funding source* [f]	*Financial instrument* [f]	*Type of support* [f, g]	*Sector* [c]
	Core/general [d]		*Climate-specific* [e]						
	European euro - EUR	*USD*	*European euro - EUR*	*USD*					
Total contributions through multilateral channels		494.30	21.16	157.76					
Multilateral climate change funds [g]				18.10					
1. Global Environment Facility				17.60	Provided	ODA	Grant	Cross-cutting	Cross-cutting
2. Least Developed Countries Fund									
3. Special Climate Change Fund									
4. Adaptation Fund									
5. Green Climate Fund				0.50	Provided		Grant	Cross-cutting	
6. UNFCCC Trust Fund for Supplementary Activities									
7. Other multilateral climate change funds									
Multilateral financial institutions, including regional development banks		494.30		123.88					
1. World Bank									
2. International Finance Corporation									
3. African Development Bank		78.00		29.90	Provided	ODA	Grant	Cross-cutting	Cross-cutting
4. Asian Development Bank		45.10		13.20	Provided	ODA	Grant	Cross-cutting	Cross-cutting
5. European Bank for Reconstruction and Development									
6. Inter-American Development Bank				0.75	Provided	ODA	Grant	Cross-cutting	Cross-cutting
7. Other		371.20		80.03					
International Bank for Reconstruction and Development				4.85	Provided	ODA		Cross-cutting	Cross-cutting
International Development Association		371.20		75.18	Provided	ODA	Grant	Cross-cutting	Cross-cutting
Specialized United Nations bodies			21.16	15.78					
1. United Nations Development Programme			0.26						
UNDP			0.26		Provided	ODA	Grant	Cross-cutting	Cross-cutting
2. United Nations Environment Programme			18.00						
UNEP			18.00		Provided	ODA	Grant	Cross-cutting	Cross-cutting
3. Other			2.90	15.78					
International Fund for Agricultural Development				15.78	Provided	ODA	Grant	Cross-cutting	Cross-cutting
UNIDO			0.55		Provided	ODA		Cross-cutting	Cross-cutting
WFP			0.20		Provided	ODA		Mitigation	Energy
FAO			2.15		Provided	ODA		Cross-cutting	Cross-cutting

Abbreviations: ODA = official development assistance, OOF = other official flows.

[a] Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

[b] Parties should explain, in their biennial reports, the methodologies used to specify the funds as provided, committed and/or pledged. Parties will provide the information for as many status categories as appropriate in the following order of priority: provided, committed, pledged.

[c] Parties may select several applicable sectors. Parties may report sectoral distribution, as applicable, under “Other”.

[d] This refers to support to multilateral institutions that Parties cannot specify as climate-specific.

[e] Parties should explain in their biennial reports how they define funds as being climate-specific.

[f] Please specify.

[g] Cross-cutting type of support refers to funding for activities which are cross-cutting across mitigation and adaptation.

Custom Footnotes

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2013[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Total contributions through bilateral, regional and other channels	46.35							
/ China / Sino- Italian Climate Change Cooperation Programme	8.11		Provided	OOF	Grant	Cross-cutting	Energy, Cross-cutting	
Iraq /	2.07		Provided	OOF	Grant	Cross-cutting	Agriculture, Water and sanitation, Forestry	
SIDS / SIDS / Cooperation on Climate Change	0.38		Provided	OOF	Grant	Adaptation	Energy	
Serbia, Montenegro, Albania, The former Yugoslav Republic of Macedonia / Balkanic area / Balkanic Climate Initiatives: Serbia, Montenegro, Macedonia, Albania	2.88		Provided	OOF	Grant	Cross-cutting	Energy, Agriculture, Cross-cutting	
Brazil /	3.02		Provided	OOF	Grant	Cross-cutting	Energy, Cross-cutting	
Argentina, Brazil, Mexico / Latin America	0.08		Provided	OOF	Grant	Cross-cutting	Energy	
Mediterranean area /	0.36		Provided	OOF	Grant	Cross-cutting	Energy, Cross-cutting	
Mexico /	0.10		Provided	OOF	Grant	Mitigation	Energy, Water and sanitation, Cross-cutting	
Afghanistan /	0.73		Committed	ODA	Grant	Adaptation	Agriculture	SUPPORT AGRICULTURE AND RURAL DEVELOPMENT - EXPERT FUND
Albania / Cooperation activities with the Republic of Albania aiming to the implementation of a prediction and prevention system of forest fires and floods	0.18		Committed	ODA	Grant	Adaptation	Agriculture, Other (Disaster prevention and preparedness)	CIMA reasearch Foundation International center of Environment Monitoring/Forecasting, prevention and mitigation programme against the flood risk and forest fires in Albania through staff training, technical assistance and implementation of information technology
Zimbabwe /	0.01		Committed	ODA	Grant	Adaptation	Other (Site preservation)	SUSTAINABLE DEVELOPMENT OF THE COMMUNITIES IN THE LIMPOPO PARK - SOCIAL CHARGES AND INSURANCE
Ethiopia / Technical Assistance Project for Up-Grading the Ethiopian leather and Leather Products Industry - New Phase. Local Fund	0.04		Committed	ODA	Grant	Adaptation	Other (Textiles, leather and substitutes)	ADDIS ABEBA /Increase of competitiveness and turnover of clusters of micro small and medium enterprises in leather sector.
Honduras /	0.02		Committed	ODA	Grant	Adaptation	Water and sanitation	THE PROJECT AIMS TO IMPROVE THE LIVING STANDARDS OF THE POPULATION OF MARCALA, HONDURAS, IN A CONTEXT OF INTEGRATED WATER MANAGEMENT AND ENVIRONMENTAL PROTECTION. IT PLANS TO REHABILITATE AND EXTEND THE URBAN WATER SUPPLY SYSTEM OF MARCALA;
Haiti / BUILDING A SOLIDARITY FILIERA FOR SMALL COFFEE PRODUCERS IN THE SOUTH OF HAITI - SOCIAL SECURITY CHARGES AND INSURANCE FOR VOLUNTEERS	0.01		Committed	ODA	Grant	Adaptation	Other (Rural development)	THE INCOME OF 2,000 PRODUCERS / MANUFACTURERS ORGANIZED IN FIVE COMMUNITIES OF THE SOUTH REGION OF HAITI WILL BE INCREASED AND DIVERSIFIED BY THIS PROJECT
Middle East and North Africa / POVERTY REDUCTION PROJECT IN PALESTINIAN RURAL AREAS THROUGH THE PROTECTION AND DEVELOPMENT OF BIODIVERSITY IN LOCAL BIOLOGICAL AREAS	0.77		Committed	ODA	Grant	Adaptation	Agriculture	THE PROJECT AIMS AT REDUCING POVERTY IN RURAL AREAS INCREASING THE INCOME OF 250 FAMILIES IN 9 VILLAGES, ENCOURAGING, PROTECTING AND DEVELOPING LOCAL CROPS, AND PROMOTING AT THE SAME TIME FOOD SECURITY, BIOLOGICAL PRINCIPLES AND BIODIVERSITY PROTECTION.

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2013[a]

Recipient country/ region/project/programme[b]	*Total amount*		*Status*[c]	*Funding source*[g]	*Financial instrument*[g]	*Type of support*[g, h]	*Sector*[d]	*Additional information*[e]
	Climate-specific[f]							
	European euro - EUR	*USD*						
El Salvador / SUSTAINABLE URBAN SETTLEMENTS IN SONSONATE	0.54		Committed	ODA	Grant	Adaptation	Other (Disaster prevention and preparedness)	MPROVING THE LIFE QUALITY AND EXPECTANCY OF THE INHABITANTS LIVING IN THE MARGINAL AREAS ON THE RIVER BANKS IN THE CITY OF SONSONATE, CONCENTRATING THE EFFORTS IN REDUCING RISK DISASTERS CONNECTED WITH NATURAL AND ANTHROPIC CAUSES
Ghana /	0.71		Committed	ODA	Grant	Adaptation	Other (Environmental policy and administrative management)	THE AIM OF THE PROJECT IS TO PROMOTE THE SUSTAINABLE DEVELOPMENT OF THE MOLE NATIONAL PARK, REDUCING POVERTY OF THE COMMUNITIES LIVING WITHIN AND THE NEIGHBORING AREAS.
Viet Nam / Higher education scholarships	0.06		Committed	ODA	Grant	Adaptation	Other (Advanced technical and managerial training)	Scholarship for two Vietnamese graduates to attend a Doctoral Program in hydraulic Engineering at Brescia University
Africa, South Sudan / Emergency initiative in support of the population of Lakes State, South Sudan. - Local fund	1.24		Committed	ODA	Grant	Adaptation	Other (Multisector aid for basic social services)	The initiative will benefit in particular women and children in vulnerable areas of Lakes State through promotion of agriculture, food security, basic services (health, water and sanitation, basic education).
Africa, Senegal / Support of small scale rural activities in the valley of the river Senegal	0.63		Committed	ODA	Grant	Adaptation	Other (COMUNITA' IMPEGNO SERVIZIO VOLONTA RIO /The project aims at enhancing the development of small scale activities in the rural areas, in particular for women and young people), Agriculture	The project aims at enhancing the development of small scale activities in the rural areas, in particular for women and young people
Middle East and North Africa, Gaza Strip /	1.21		Committed	ODA	Grant	Adaptation	Other (Waste management/disposal)	The project aims at improving the level of waste recycling in the Governatorate of Tulkarem
Mozambique / PROSIGRU-Strengthening of Integrated Management System of Urban Waste Project	0.59		Committed	ODA	Grant	Adaptation	Other (Waste management/disposal)	The project aims to promote environmental sustainability of urban reality in Mozambique
Cameroon, Africa / stregthening self-management abilities and local development	0.73		Committed	ODA	Grant	Adaptation	Other (Basic drinking water supply)	The project aims at improving the supply of basic drinking water for the population of Bankondji, as well as the management of water resources
Mozambique / Conservation of Natural Resources in the National Reserve of Gile	1.39		Committed	ODA	Grant	Adaptation	Other (Bio-diversity)	The project has the aim to consolidate the participation of the Managing Committees and communities in the responsible use of natural resources of the Gile park
Cuba /	1.77		Committed	ODA	Grant	Adaptation	Other (Agricultural policy and administrative management)	Re-launching of coffee production in the cooperative and peasant sector
Lebanon / Activities of international cooperation for civil protection	0.02		Committed	ODA	Grant	Adaptation	Other (Disaster prevention and preparedness)	CIMA reasearch Foundation International center of Environment Monitoring/Support and maintenance of the RISICO system for prediction and prevention of forest fire in Lebanon. Design of an early warning system for the flood risk

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2013[a]

Recipient country/ region/project/programme[b]	*Total amount*		*Status*[c]	*Funding source*[g]	*Financial instrument*[g]	*Type of support*[g, h]	*Sector*[d]	*Additional information*[e]
	Climate-specific[f]							
	European euro - EUR	*USD*						
Senegal / Training Workshop on Management of Flood Risk	0.01		Committed	ODA	Grant	Adaptation	Other (Flood prevention/control)	CIMA reasearch Foundation International center of Environment Monitoring/Partecipation at the Atelier de Formation sur la Gestion des Risques d'Inondation. During the workshop CIMA Foundation has given a seminar titled: "Non structural measures and early warning systems for the real time prediction of flood risk scenarios". The training workshop on Flood Risk Management represented one of the initial efforts of the SESRIC and the IDB towards enhancing the capacities of the relevant national institutions dealing with natural disaster risk reduction management.
Morocco / 3rd African Water Cycle Coordination Initiative (AfWCCI) Workshop	0.01		Committed	ODA	Grant	Adaptation	Other (Water resources conservation (including data collection))	CIMA reasearch Foundation International center of Environment Monitoring/Participation to the workshop that aims to develop the AfWCCI Implementation plan. The Plan will serve as the basis for coordination among agency activities and for setting priorities for project proposals that will be developed in advance of the AfWCCI symposium planned for Tokyo in April, 2013. The Implementation Plan will include action plans for specific basin-scale projects and build on activities that have recently been approved and advanced.
Cameroon / WOMEN FOR PALM KERNEL OIL PRODUCTION	0.02		Committed	ODA	Grant	Adaptation	Agriculture	PROMOTION OF WOMEN EMPLOYMENT AND RURAL DEVELOPMENT
Argentina / Mbya Argentina - Biodiversity and food self-help - II Phase	0.01		Committed	ODA	Grant	Adaptation	Other (Bio-diversity)	The project aims to run natural resources in order to allow community of Mbya to get food self-help
Ethiopia / Agricultural Development project of Gombora District	0.02		Committed	ODA	Grant	Adaptation	Other (Agricultural education/training)	The project aims to improve the socio-economic conditions of the communities through agricultural training
Niger / Vegetables and Fruits drying Process in Makalondi	0.02		Committed	ODA	Grant	Adaptation	Other (Training in agricultural techniques and products trade), Agriculture	Training in agricultural techniques and products trade
Mauritania / Basic services for Hodh El Chargui community	0.01		Committed	ODA	Grant	Adaptation	Agriculture	Increase of agricultural production through watermills and improvement of domestic economy
Uganda /	0.02		Committed	ODA	Grant	Adaptation	Other (Solar energy)	Solar energy for Karamoja
Africa / Planning, managing and assessing the Environment Locally in Sub-saharan Africa	0.02		Committed	ODA	Grant	Adaptation	Other (Environmental research)	The Project assess emerging environmental problems and local environment action planning tools in different African countries. Methodologis for assessing climate change vulnerability and risk are developed for Dar es Salaam, Louga, Maputo, and Niamey.
Turkmenistan / Promoting Disaster Risk Reduction and Communities Resilience in Turkmenistan	0.05		Committed	ODA	Grant	Adaptation	Other (Disaster prevention and preparedness)	The project contributes to the reduction of the vulnerability of population towards fires through implementation of training and awareness raising activities on disaster risk reduction, adaptation to climate change and disaster reponse.
Ecuador / Sustainable economic development project under a new set of planning wetland "Humedal Abras de Mantequilla". 3nd year	0.03		Committed	ODA	Grant	Adaptation	Other (Bio-diversity)	The overall objective is to contribute to sustainable economic development of the families of the "Recintos" of the wet area of Mantequilla. In accordance with UNDP / Quito ART program, the second year of the project is particularly aimed at verifying and supporting the definition of development plans by local municipalities of the area of interest, at contributing to the definition of the plan for the environmental management and economic development of the area, at continuing the training of local technicians (also in Italy) for the implementation of the new structural set-up.

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2013[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Ecuador / Protection of health and prevention of risks from anthropogenic pollution. 3nd year	0.03		Committed	ODA	Grant	Adaptation	Other (Bio-diversity)	The overall objective of the project is the promotion of the sustainable development of the Galapagos archipelago, with a particular focus on the island of Santa Cruz, protecting the sanitary conditions, the conditions of public health and the preservation of the natural environment.
Eritrea / ADI ARADA: sustainable development for Eritrea	0.04		Committed	ODA	Grant	Adaptation	Other (Water supply and sanitation - large systems)	The initiative is part of a wider program "Sustainable Development for Eritrea" and proposes a series of integrated interventions in favor of the rural village of Adi Arada in order to allow priority access to drinking water and sanitation according to Ecological Sanitation type, as well as a proper sustainable waste management. Photovoltaic kits will also be provided to the inhabitants in order to meet the high costs of electricity connection. The project is based on the active participation of the beneficiaries in all project activities, with training and educational activities, with the convening of community assemblies, with the establishment of a committee of management and the provision of labor.
Ethiopia / Water, food and health: the three keys to the development of Adwa	0.04		Committed	ODA	Grant	Adaptation	Other (Basic drinking water supply and basic sanitation)	The overall objective of the project is to contribute to increase in the city of Adua the possibility of access to drinking water and / or reduce its rate
Ethiopia / MDG 7: water and sanitation in the woreda Soddo Zuria	0.04		Committed	ODA	Grant	Adaptation	Other (Basic drinking water supply and basic sanitation)	The project , to be held in the village of Bughe Ghennet, province of Soddo Zuria, aims to increase the rate of access to drinking water, promote the use of sanitation health , a sustainable waste management , use of renewable energy resources and enhance the economic role of women. The planned activities are : development of 8 toilets for the school, the establishment of a school of Water Club , raising awareness within the school and for people in order to give them the possibility to understand the importance of drinking water and hygiene standards, realization of an enlargement of the water network with pipes of galvanized iron and the creation of 3 water distribution points, the construction of showers, installation of four filters for water purification, realization of a plant for production of biogas used as natural fuel, specific training in horticulture and good practices of hygiene for 50 women.
Albania /	2.00		Committed	ODA	Grant	Adaptation	Other (Agricultural policy and administrative management)	Supporting Albanian Agricultural sector through the creation of a subsidized insurance scheme against adverse weather condition
China /	0.02		Committed	ODA	Grant	Mitigation	Other (Biosphere protection)	CREDIT LINE IN ENVIRONMENT IN WESTERN PROVINCES OF CHINA - LOCAL FUND
Pakistan /	0.08		Committed	ODA	Grant	Mitigation	Other (Public finance management)	EXPERTS FUND-CONTRIBUTION FOR THE SET UP THE TECHNICAL SUPPORT UNIT FOR THE DEBT CONVERSION
Lebanon /	0.08		Committed	ODA	Grant	Mitigation	Other (Waste management/disposal)	INTEGRATED WASTE MANAGEMENT IN BAALBEK CAZA
Kenya /	0.02		Committed	ODA	Grant	Mitigation	Water and sanitation	KENYA - WATER AND SANITATION TO UTILIZE THE KIRANDICH AND KIAMBERE DAM WATER RESERVOIRS - EXPERT FUND
Viet Nam /	0.13		Committed	ODA	Grant	Mitigation	Other (Water sector policy and administrative management)	INTEGRATED AND SUSTAINABLE WATER MANAGEMENT OF RED-THAI BINH RIVER SYSTEM IN A CHANGING CLIMATE

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2013[a]

Recipient country/ region/project/programme[b]	*Total amount*		*Status*[c]	*Funding source*[g]	*Financial instrument*[g]	*Type of support*[g, h]	*Sector*[d]	*Additional information*[e]
	Climate-specific[f]							
	European euro - EUR	*USD*						
Africa /	0.06		Committed	ODA	Grant	Mitigation	Other (Agricultural policy and administrative management)	Innovating through learning:poverty alleviation in rural areas-Agrinovia 2.0
South Africa /	0.13		Committed	ODA	Grant	Mitigation	Other (Democratic participation and civil society)	INTEGRATED ACTION FOR A SUSTAINABLE COMMUNITY ENFORCEMENT IN THE INFORMAL SETTLEMENTS OF BUFFALO CITY MUNICIPALITY
Viet Nam /	0.19		Committed	ODA	Grant	Mitigation	Other (Water sector policy and administrative management)	SUPPORT TO BALANCE PAYMENTS AND WATER SECTOR PROGRAM AID - Financing to recipient government institutions
Senegal /	0.41		Committed	ODA	Grant	Mitigation	Other (Solar energy)	FREDDAS RENEWABLE SOURCES OF ENERGY FOR SUSTAINABLE DEVELOPMENT OF SENEGAL RIVER VALLEY
Senegal /	0.73		Committed	ODA	Grant	Mitigation	Other (Solar energy)	IMPLEMENTATION OF THE ECO-SYSTEM SERVICES AND GREEN ECONOMY FOR ECONOMIC AND SOCIAL DEVELOPMENT IN THE REGION OF MATAM, SENEGAL
Senegal /	0.01		Committed	ODA	Grant	Mitigation	Other (Solar energy)	IMPLEMENTATION ECO-SYSTEM SERVICES AND GREEN ECONOMY FOR ECONOMIC-SOCIAL DEVELOPMENT REGION MATAM - INSURANCE AND SOCIAL CHARGES.
Africa /	0.49		Committed	ODA	Grant	Mitigation	Other (Advanced technical and managerial training)	CONSERVATION AND EQUITABLE USE OF BIOLOGICAL DIVERSITY IN THE SADC REGION: FROM GEOGRAPHIC INFORMATION SYSTEM (GIS) TO SPATIAL SY
Philippines /	0.02		Committed	ODA	Grant	Mitigation	Other (Public sector policy and administrative management)	Debt swap - Local funds
Philippines /	0.01		Committed	ODA	Grant	Mitigation	Other (Public sector policy and administrative management)	Debt swap. Experts funds
Ethiopia /	0.02		Committed	ODA	Grant	Mitigation	Other (Industrial development)	The project aims to support the Government in the investment sector. - local fund
Middle East and North Africa /	0.40		Committed	ODA	Grant	Mitigation	Other (Advanced technical and managerial training)	Science for diplomacy: a multidisciplinary course.
Ethiopia /	2.40		Committed	ODA	Grant	Mitigation	Agriculture	Italian Contribution to the Agricultural Growth Program (AGP) - Financing to recipient government institutions
Ethiopia /	0.02		Committed	ODA	Grant	Mitigation	Agriculture	Italian Contribution to the agricoltural growth Program (AGP) - Local fund
Republic of Korea /	0.10		Committed	ODA	Grant	Mitigation	Other (Environmental research)	Improvement of Earthquake Administration/Institute of Volcanology of DPRK in its Activities in training and Research
Sudan /	0.01		Committed	ODA	Grant	Mitigation	Other (Primary education)	Evaluation activities of the initiatives funded by the DGCS on channel Multilateral - Expert fund
Kenya /	0.15		Committed	ODA	Grant	Mitigation	Other (Biosphere protection)	local economy and protection of the environment
Bolivia /	0.49		Committed	ODA	Grant	Mitigation	Other (Water resources conservation (including data collection))	PROJECT FOR SUSTAINING THE INTEGRATED MANAGEMENT OF RIO GRANDE , SANTA CRUZ, BOLIVIA (ANGIRG)

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2013[a]

Recipient country/ region/project/programme[b]	*Total amount*		*Status*[c]	*Funding source*[g]	*Financial instrument*[g]	*Type of support*[g, h]	*Sector*[d]	*Additional information*[e]
	Climate-specific[f]							
	European euro - EUR	*USD*						
Angola /	0.16		Committed	ODA	Grant	Mitigation	Other (Environmental policy and administrative management)	Integrated program for the protection and development of coastal forests of Angola
Tunisia /	0.53		Committed	ODA	Grant	Mitigation	Agriculture	Fighting poverty through the enhancement of the sheep breeding sector in the Governorate of Tataouine - Financing to recipient government institutions
Lebanon /	0.01		Committed	ODA	Grant	Mitigation	Other (Solar energy)	Supply of public lightining
Afghanistan /	0.02		Committed	ODA	Grant	Mitigation	Other (Solar energy)	Supply of material for public lighting
Brazil /	0.05		Committed	ODA	Grant	Mitigation	Other (Multisector aid for basic social services)	Life water rivers: from aloneness to building an ethical community
Guinea, India /	0.01		Committed	ODA	Grant	Mitigation	Other (Business support services and institutions)	European Business and Technology Centre in India (EBTC)
Mozambique /	0.02		Committed	ODA	Grant	Mitigation	Other (Basic drinking water supply and basic sanitation)	Renovation of two interships for students and installation of a solar-powered water pump
SIDS / ENERGY ECOSYSTEM AND LIVELIHOODS INITIATIVES IN PACIFIC ISLANDS - II PHASE	0.90		Committed	ODA	Grant	Cross-cutting		MANAGEMENT OF ENVIRONMENTAL AND SOCIAL IMPLICATIONS ON ENERGY POLICIES IN PACIFIC ISLANDS
Bolivia / TRILATERAL DEVELOPMENT PROGRAM AMAZON WITHOUT FIRE - EXPERT FUND	0.01		Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	TRILATERAL DEVELOPMENT PROGRAM AMAZON WITHOUT FIRE
Senegal / ACCESS TO WATER AND SANITATION FOR THE RURAL COMMUNITY OF NIAMONE - SOCIAL SECURITY CHARGES AND INSURANCE FOR VOLUNTEERS	0.01		Committed	ODA	Grant	Cross-cutting	Water and sanitation	SERIES OF INTERVENTIONS TO SUPPLY DRINKABLE WATER, ACCORDING TO WHO STANDARDS, AND SANITATION SERVICES, ACCORDING TO UNICEF STANDARDS, TO THE 8.476 INHABITANTS OF THE 11 VILLAGES PART OF THE RURAL COMMUNITY
Kenya / SUSTAINABLE DEVELOPMENT OF IRRIGATION AND LAND RECLAMATION IN KENYA - EXPERT FUND	0.02		Committed	ODA	Grant	Cross-cutting	Other (Agricultural water resources)	THE PROGRAM IS CONTRIBUTING TO THE DEVELOPMENT OF IRRIGATION AND LAND RECLAMATION SUBSECTORS WITHIN THE WATER SECTOR. TO THIS END, THE PROGRAM WILL PROVIDE FOR THE PARTICIPATION OF ITALIAN COOPERATION TO THE AID EFFECTIVENESS STRUCTURE OPERATING IN KENYA
Senegal / SENEGAL SUPPORT TO THE NATIONAL PROGRAMME FOR INVESTMENTS IN AGRICULTURE	0.20		Committed	ODA	Grant	Cross-cutting	Other (Agricultural inputs)	IMPROVEMENT FOR LOCAL ECONOMIC DEVELOPMENT
Viet Nam /	0.02		Committed	ODA	Grant	Cross-cutting	Other (Bio-diversity)	Local Fund - Vietnamese Debt Swap Programme
Mauritania / Increase of Agricultural Production in the Mauritanian Central-Eastern regions - Financing to recipient government institutions	0.59		Committed	ODA	Grant	Cross-cutting	Agriculture	The project will contribute to reduce vulnerability and food insecurity of the Central-Eastern Mauritanian regions through the improvement of the agricultural productivity
Middle East and North Africa, Gaza Strip and West Bank / ECOSUSTAINABLE ACTION TO PROMOTE AGRICULTURAL PASTORAL PRODUCTIVITY IN SEMIDESERTIC AREA IN HEBRON DISCTRICT	0.32		Committed	ODA	Grant	Cross-cutting	Agriculture	THE AIM IS TO CONTRIBUTE TO MITIGATE THE CLIMATE CHANGE EFFECTS IN AGRICOLTURAL PASTORAL AREA IN ORDER TO PROMOTE FOOD SECURITY AND TO ENHANCE LAND ECOSUSTAINABLE
Bolivia / Small hydroelectric plants for the adaptation to climate change	0.31		Committed	ODA	Grant	Cross-cutting	Other (Hydro-electric power plants)	The project aims at improving the quality of life and the access to electricity from renewable energy sources of the inhabitants of the Bolivian rural population

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2013[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Ecuador /	0.06		Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Trilateral cooperation programme for forest fires reduction and the alternative use of fire in regions of Ecuador

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2013[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Montenegro / Memorandum of Understanding between the Government of Italy and the Republic of Montenegro	2.85		Committed	ODA	Grant	Cross-cutting	Other (Biosphere protection)	Cooperation activities in the field of climate change, mitigation and the National Strategy for Sustainable Develpment in Montenegro
Eastern Europe / Work Programme on environmental matters	0.18		Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	The biennal work programme foresees projects on implementation and monitoring of children's health and air quality, capacity development on sustainability, awareness raising and training on sustainable development, climate change and energy
China / Sino-Italian Cooperation Programme for Environmental Protection	2.00		Committed	ODA	Grant	Cross-cutting	Other (Biosphere protection)	The programme aims to develop projects on heavy metal pollution control, waste water tratment, biodiverssity conservation, environmental monitoring and emergency management, waste management and capacity building
China / Clean Air Action Cooperation	0.24		Committed	ODA	Grant	Cross-cutting	Other (Energy policy and administrative management)	Technical assistance for implementation of study projects on vehicle emissions policies and emissions inventory, monitoring laboratory and capacity building activities, technologies for remediation of disused industrial sites
China / 2013 work plan	0.08		Committed	ODA	Grant	Cross-cutting	Other (Environmental research)	The initiative aims to conduct policy research on environmental management and institutional innovation in order to realize Ecological Civilization through a sustainable and coordinated development of the environment, the economy, and society.
Haiti, Dominican Republic / "Pull Down The Line"	0.01		Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Bulding a territorial alliance between the cross-border areas from Haiti and Dominican Republic for the local development, social inclusion in both territorial contexts and the interethnic discriminations
Senegal /	0.03		Committed	ODA	Grant	Cross-cutting	Other (Education facilities and training)	The project is about the building of a 40 KW photovoltaic power station on the renewed roof in order to make the school energetically independent. Moreover, the power station is a technical laboratory for students from the Lamamoulaye High School and from Politecnico di Milano who will have the chance to study the station’s efficiency at a different latitude
Burundi / FOOD PRODUCTION RATIONALISATION	0.01		Committed	ODA	Grant	Cross-cutting	Agriculture	DEVELOPMENT OF NEW TECHNOLOGIES FOR BEAN PRODUCTION AND FOOD PROCESSING

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2013[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Democratic Republic of the Congo / KINTAROUND	0.04		Committed	ODA	Grant	Cross-cutting	Other (Basic life skills for youth and adults)	All around Kinta land plot: Knowledge, Integration, Energy, Training and Health
Argentina / RE.AR	0.02		Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Waste management
Brazil / LEITENERGIA	0.02		Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	DEVELOPMENT AND PROMOTION OF RENEWABLE ENERGY RESOURCES
Benin /	0.01		Committed	ODA	Grant	Cross-cutting	Other (Basic drinking water supply)	Solar energy to improve access to safe drinking water in Northern Benin - Sahel region
Benin / Construction of wells and drinking water systems for use in food, agricultural, and to limit the advance of desertification	0.02		Committed	ODA	Grant	Cross-cutting	Water and sanitation	Construction of wells and drinking water systems for use in food, agricultural, and to limit the advance of desertification
Africa /	0.03		Committed	ODA	Grant	Cross-cutting	Other (Rural development)	Euregio/Euregio Program
Burundi /	0.03		Committed	ODA	Grant	Cross-cutting	Other (Democratic participation and civil society)	Development of the twinning between the Municupality of Brentonico and the Municipality of Muyinga
Mozambique /	0.16		Committed	ODA	Grant	Cross-cutting	Other (Democratic participation and civil society)	Trentino in Mozambique and Mozambique in Trentino
Africa, Tanzania / Construction of a Training Center of rural development	0.03		Committed	ODA	Grant	Cross-cutting	Other (Agricultural education/training)	GAV/Construction of a Training Center of rural development
Niger /	0.02		Committed	ODA	Grant	Cross-cutting	Other (Rural development)	Enviromental, social and economic rehabilitation of the Tin Telloust's oasis
Morocco /	0.03		Committed	ODA	Grant	Cross-cutting	Other (Water supply - large systems)	Sunwater

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2013[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Timor-Leste /	0.02		Committed	ODA	Grant	Cross-cutting	Agriculture	Emprovement of the storage's system and creation of a new professional role for the population of Ili Timur
Nicaragua / Strengthening Nicaragua Red Cross capacity to cope with disaster and emergency situations.	0.04		Committed	ODA	Grant	Cross-cutting	Other (Disaster prevention and preparedness)	The project aims at: a) improving the performance of the National Society's response action to emergencies and/or disasters; b) promoting the use of community tools in the preparation and response to disasters and crisis.
Africa / Missions to participate to international meetings in Sub Saharian Africa	0.04		Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	Missions to participate to international meetings about climate changes and security system management in Sub Saharian Africa
Peru /	0.01		Committed	ODA	Grant	Cross-cutting	Other (Forestry education/training)	Training and organization of campesinos in forestry
/								
Albania /	1.20		Committed	ODA	Concessional Loan	Cross-cutting	Other (Agricultural policy and administrative management)	Supporting Albanian Agricultural sector through improving the Olive Oil sector in Albania

Abbreviations: ODA = official development assistance, OOF = other official flows; USD = United States dollars.

[a] Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

[b] Parties should report, to the extent possible, on details contained in this table.

[c] Parties should explain, in their biennial reports, the methodologies used to specify the funds as provided, committed and/or pledged. Parties will provide the information for as many status categories as appropriate in the following order of priority: provided, committed, pledged.

[d] Parties may select several applicable sectors. Parties may report sectoral distribution, as applicable, under “Other”.

[e] Parties should report, as appropriate, on project details and the implementing agency.

[f] Parties should explain in their biennial reports how they define funds as being climate-specific.

[g] Please specify.

[h] Cross-cutting type of support refers to funding for activities which are cross-cutting across mitigation and adaptation.

Custom Footnotes

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Total contributions through bilateral, regional and other channels	25.54							
/ China / Sino- Italian Climate Change Cooperation Programme	0.67		Provided	OOF	Grant	Cross-cutting	Energy, Cross-cutting	
/ Pacific SIDS / Cooperation on Climate Change	0.39		Provided	OOF	Grant	Adaptation	Energy	
Montenegro /	2.04		Provided	OOF	Grant	Cross-cutting	Energy, Agriculture, Cross-cutting	
Brazil /	0.65		Provided	OOF	Grant	Cross-cutting	Energy, Cross-cutting	
Tunisia, Libya /	0.79		Provided	OOF	Grant	Cross-cutting	Energy, Cross-cutting	
Afghanistan /	0.01		Committed	ODA	Grant	Adaptation	Other (Rural development)	ITALIAN CONTRIBUTION TO THE NATIONAL SOLIDARITY PROGRAMME - EXPERT FUND
Albania /	0.06		Committed	ODA	Grant	Mitigation	Other (Agricultural development)	Celim / Strengthening food and agriculture supply chains of the Mountain Communities and Rural Puke
Algeria /	0.01		Committed	ODA	Grant	Cross-cutting	Water and sanitation	TEMPORA / Sun Water project: purchase of water for Saharawi people in the deserted area of Tifariti

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Angola / PIPDEFA (Integrated program for the protection and development of coastal forests of Angola)	0.25		Committed	ODA	Grant	Cross-cutting	Other (Environmental policy and administrative management)	COSPE - COOPERAZIONE PER LO SVILUPP O DEI PAESI EMERGENTI / Participatory and sustainable management of forest resources
Benin / Waste management in Natitingou	0.02		Committed	ODA	Grant	Mitigation	Other (Waste management / disposal)	POZZO DI GIACOBBE-JAKOBSBRUNNEN ONLUS / Waste management in Natitingou, Benin
Bolivia / PROJECT FOR SUSTAINING THE INTEGRATED MANAGEMENT OF RIO GRANDE , SANTA CRUZ, BOLIVIA (ANGIRG)	0.39		Committed	ODA	Grant	Mitigation	Water and sanitation	ISTITUTO PER LA COOPERAZIONE UNIVER SITARIA - ICU / The project aims at improving the capacity of the population of Santa Cruz valleys to adapt to climate change as well as to its impact on the hydrological cycle.
Bolivia / Quinoa , the gold of the Andes . An integral chain for food security in Bolivia	0.06		Committed	ODA	Grant	Cross-cutting	Other (Agricultural developmen)	Chico mendes Onlus / Quinoa , the gold of the Andes . An integral chain for food security in Bolivia
Bolivia / Small hydroelectric plants for the adaptation to climate change	0.43		Committed	ODA	Grant	Mitigation	Energy	FONDAZIONE DI COOPERAZIONE RURALE IN AFRICA E AMERICA LATINA / The project aims at improving the quality of life and the access to electricity from renewable energy sources of the inhabitants of the Bolivian rural population

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Bolivia / Small seeds , great opportunities ! " BOLIVIA . Contribution CDM	0.01		Committed	ODA	Grant	Adaptation	Agriculture	ASPEM / Small seeds , great opportunities ! " BOLIVIA . Contribution CDM
Bolivia / TRILATERAL DEVELOPMENT PROGRAM AMAZON WITHOUT FIRE - EXPERT FUND	0.01		Committed	ODA	Grant	Cross-cutting	Forestry	TRILATERAL DEVELOPMENT PROGRAM AMAZON WITHOUT FIRE
Bolivia / TRILATERAL DEVELOPMENT PROGRAM AMAZON WITHOUT FIRE - LOCAL FUND	0.46		Committed	ODA	Grant	Cross-cutting	Forestry	Italian Embassy in LA PAZ / TRILATERAL DEVELOPMENT PROGRAM AMAZON WITHOUT FIRE
Bosnia and Herzegovina /	1.20		Committed	ODA	Grant	Mitigation		SARAJEVO / Reconstruction and development following the floods of May 2014. FL
Brazil / Food security and energy independence : strengthening the chain of family farming in peri - urban Mozambique and Brazil	0.01		Committed	ODA	Grant	Mitigation	Agriculture	Deafal / Food security and energy independence : strengthening the chain of family farming in peri - urban Mozambique and Brazil
Burkina Faso / Contribution to the non-profit organization Planet Finance Italy for the realization of microfinance projects in Burkina Faso	0.05		Committed	ODA	Grant	Cross-cutting	Agriculture	Planet Finance / Contribution to the non-profit organization Planet Finance Italy for the realization of microfinance projects in Burkina Faso

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Burkina Faso / Table Agriculture Piemonte& Sahel. Production, processing and marketing of local rice in support of some realities of producers	0.01		Committed	ODA	Grant	Cross-cutting	Agriculture	Regione Piemonte / The project aims to support the rice growers of the four countries to further develop the cooperation between them , start a process aiming to improve the chain of rice production in each country , to preserve soil fertility through the organic farming and the selection local seeds and to consolidate the dialogue between Italian and local actors on the issue of rice
Burkina Faso / Women and inclusive rural development as a means of achieving food security in Burkina Faso	0.19		Committed	ODA	Grant	Adaptation	Agriculture	FONDAZIONE DI COOPERAZIONE RURALE IN AFRICA E AMERICA LATINA / The proposal consists of an intervention in the following areas: 1) agriculture and food security, 4) development of the private sector including endogenous 5) empowerment of women
Cameroon / stregthening self-management abilities and local development	0.05		Committed	ODA	Grant	Adaptation	Water and sanitation	ARCS - ARCI CULTURA E SVILUPPO ARCS - ARCI CULTURA E SVILUPPO / the project aims at imporving the supply of basic drinking water for the population of Bankondji, as well as the management of water resources

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
China / 2014 work plan	0.12		Committed	ODA	Grant	Cross-cutting	Cross-cutting	CCICED / The initiative aims to conduct policy research on environmental management and institutional innovation in order to realize Ecological Civilization through a sustainable and coordinated development of the environment, the economy, and society.
China / CREDIT LINE IN ENVIRONMENT IN WESTERN PROVINCES OF CHINA - LOCAL FUND	0.02		Committed	ODA	Grant	Cross-cutting	Cross-cutting	n Embassy in Beijin / CREDIT LINE IN ENVIRONMENT IN WESTERN PROVINCES OF CHINA - LOCAL FUND
China / SINOITALIAN ENVIRONMENTAL PROGRAMME	0.02		Committed	ODA	Grant	Cross-cutting	Cross-cutting	SINOITALIAN ENVIRONMENTAL PROGRAMME - Expert fund
Congo / Completion of a micro-power plant in M'bau	0.03		Committed	ODA	Grant	Cross-cutting	Energy	CEI/Completion of a micro-power plant in M'bau
Democratic Republic of the Congo / Organic agriculture in South Kivu	0.04		Committed	ODA	Grant	Cross-cutting	Agriculture	Unione delle Chiese Metodiste e Valdesi - 8XMILLE / Organic agriculture project to mitigate the consequences of climate change in South Kivu
Ecuador / Pachamama - Support for improved food security	0.01		Committed	ODA	Grant	Cross-cutting	Agriculture	Acea Onlus / Pachamama "Support for improved food security - through a diversified agribusiness, increasing productivity and marketing association of small producers in the chain of Nacional Cacao Fino de Aroma and sugar cane certified organic and fair trade delel provinces of Guayas , Los Rios , Manabi , Bolivar and Cotopaxi - Ecuador State

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

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	Climate-specific [f]							
	European euro - EUR	*USD*						
Egypt / Socio-economic Develpoment of the North West Coast of Egypt	0.40		Committed	ODA	Grant	Cross-cutting	Agriculture	Egyptian Authorities / The project intends to contribute to the socio-economic develpoment of the North-west coast of Egypt
Eritrea / Construction of a water main for the Keren city	0.03		Committed	ODA	Grant	Cross-cutting	Water and sanitation	Il Tucul / Construction of a water main for the Keren city
Ethiopia / Drought Resilience and Sustainable Livelihoods Programme (DRSLP) - Local fund	0.30		Committed	ODA	Grant	Cross-cutting	Agriculture	Italian Embassy in ADDIS ABEBA / Within the framework of the IDDRSI and the Ethiopia CPP , this initiative aims at enhancing drought resilience and improving sustainable livelihoods of the pastoral and agro-pastoral communities in 4 selected weredas of Afar
Ethiopia / EMERGENCY INITIATIVE TO REDUCE THE RISK IN THE FIELDS OF WATER, HYGIENE AND ENVIRONMENTAL HEALTH - EXPERT FUND	0.01		Committed	ODA	Grant	Adaptation	Cross-cutting, Other (Disaster prevention and preparedness)	EMERGENCY INITIATIVE TO REDUCE THE RISK IN THE FIELDS OF WATER, HYGIENE AND ENVIRONMENTAL HEALTH.
Ethiopia / Italian Contribution to the agricoltural growth Program (AGP). Local fund	0.03		Committed	ODA	Grant	Cross-cutting	Agriculture	Italian Embassy in ADDIS ABEBA / The AGP is the main government programme to address agricultural growth in Ethiopia

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Ethiopia / MDG 7: water and sanitation in the woreda Soddo Zuria	0.02		Committed	ODA	Grant	Adaptation	Water and sanitation	Gruppo Missioni Africa Onlus / The project , to be held in the village of Bughe Ghennet, province of Soddo Zuria, aims to increase the rate of access to drinking water, promote the use of sanitation health , a sustainable waste management , use of renewable
Ethiopia / Supporting growth and trasformation in Ethiopia through Investment Climate Improvements - Expert Fund	0.05		Committed	ODA	Grant	Cross-cutting	Industry	CARLSON WAGONLIT ITALIA SRL / The project aims to support the Government in the investment sector

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

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	Climate-specific [f]							
	European euro - EUR	*USD*						
Ethiopia / Water, food and health: the three keys to the development of Adwa	0.01		Committed	ODA	Grant	Adaptation	Water and sanitation	Delegaz regionale del Veneto V.I.D.E.S. (Volontariato internazionale Donna Educazione allo Sviluppo) / The overall objective of the project is to contribute to increase in the city of Adua the possibility of access to drinking water and / or reduce the rate of malnutrition of the population, in particular in pregnant women. The planned activities are: remake of n . 2 water access points consist of 20 taps, 9 baths and 1 shower with installation of filters for waste water; campaign in favor of adults and youth, health education including sustainable waste management and the proper use of water aimed at the prevention of infectious diseases, parasitic diseases and the improvement of sanitary conditions; 12 meetings with children and young people to prevent and / or rduce the rate of spread of diseases related to dirty water; nutritional support program for about 200 children and 100 women and quarterly meetings for about 100 mothers on proper nutrition .
Ethiopia / WATER, SANITATION AND EDUCATION IN KAFFA ZONE, SNNPR. SOCIAL SECURITY CHARGES AND INSURANCE FOR VOLUNTEERS	0.01		Committed	ODA	Grant	Adaptation	Water and sanitation	THE PROJECT CONCERNS THE WATER SUPPLY AND ENVIRONMENTAL HYGIENE OF THE COMMUNITIES IN THE REGION OF KAFFA, IN SIX WOREDA, ETHIOPIA WITH THE AIM OF IMPROVING THE LIVING CONDITIONS OF INCREASING THE AVAILABILITY OF CLEAN WATER.

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Eastern Europe / Work Programme on environmental matters	0.74		Committed	ODA	Grant	Cross-cutting	Cross-cutting	Regional Environmental Center for Central and Eastern Europe / The biennal work programme foresees projects on implementation and monitoring of children's health and air quality, capacity development on sustainability, awareness raising and training
Guinea-Bissau / Bambaran pa no ambienti de bubaque (protection of our environment of Bubaque). 2nd Annuity	0.20		Committed	ODA	Grant	Mitigation	Energy	Università degli Studi di Venezia - Ca' Foscari / The Project, in this second annuity, aims to improving the hygienic situation of the population of the city of Bubaque, in the archipelago of Bijagos also in order to develop and improve tourist activities. Training interventions for teachers and students and Operators of Ecocentro are continuing. It is envisaged the realization of presses for glass, plastic and other waste treatment, as well as the realization of an informative video on Waste Management . The activities aimed at identifying environmental and touristic routes as well as the related ecoguide realization, keep on being developed. The project brings to a study on replicability of the activity in other islands of the archipelago.
Guinea-Bissau / Construction of a well in Caio, Cacheu region	0.02		Committed	ODA	Grant	Adaptation	Water and sanitation	Associazione mano a mano Africa (M.A.M.A.) / Construction of a well in Caio , Cacheu region

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Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

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	Climate-specific [f]							
	European euro - EUR	*USD*						
Guinea-Bissau / Mangrove: improvement of rice growing from mangrove and protection of the mangrove trees in the region of Cacheu, Oio, Tombali	0.13		Committed	ODA	Grant	Mitigation	Agriculture	COMUNITA' INTERNAZIONALE VOLONTARI LAICI / The project aims at protecting the biodiversity and promoting the food sovereignty in Guinea Bissau
Honduras / City clean , sustainable agriculture and food security in the Trifinio " Honduras El Salvador Guatemala	0.06		Committed	ODA	Grant	Cross-cutting	Agriculture	Oxfam Italia / City clean , sustainable agriculture and food security in the Trifinio " Honduras El Salvador Guatemala
Honduras / Preparing communities to adapt to climate change through integrated processes that enable sustainable development in 27 communities	0.12		Committed	ODA	Grant	Cross-cutting	Cross-cutting, Other (Disaster prevention and preparedness)	Honduras Red Cross / Contribute to strengthening the capacity of the Honduran population against the effects of climate change, disasters caused by floods and their consequences with respect to vulnerable groups in the health sector.
Honduras / United in Building Resilience in Central Honduras	0.02		Committed	ODA	Grant	Cross-cutting	Cross-cutting, Other (Disaster prevention and preparedness)	Honduras Red Cross / To contribute to building resilience in Honduras through increased preparedness of vulnerable communities, strengthened authorities, and the promotion

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Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

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	Climate-specific [f]							
	European euro - EUR	*USD*						
Kenya / KENYA - SUSTAINABLE DEVELOPMENT OF IRRIGATION AND LAND RECLAMATION IN KENYA	0.39		Committed	ODA	Grant	Cross-cutting	Water and sanitation, Agriculture	Italian Embassy in NAIROBI / THE PROGRAM IS CONTRIBUTING TO THE DEVELOPMENT OF IRRIGATION AND LAND RECLAMATION SUBSECTORS WITHIN THE WATER SECTOR. TO THIS END, THE PROGRAM WILL PROVIDE FOR THE PARTICIPATION OF ITALIAN COOPERATION TO THE AID EFFECTIVENESS STRUCTURE OPERATING IN KENYA
Kenya / KENYA - WATER AND SANITATION TO UTILIZE THE KIRANDICH AND KIAMBERE DAM WATER RESERVOIRS	0.01		Committed	ODA	Grant	Cross-cutting	Water and sanitation	Italian Embassy in NAIROBI / INTERVENTION TO FINALIZE THE EXISTING HYDRAULIC STRUCTURE, INCREASE THE WATER SUPPLY AND IMPLEMENT THE SANITATION SYSTEM OF SOME SELECTED TOWNS
Kenya / KENYA - WATER AND SANITATION TO UTILIZE THE KIRANDICH AND KIAMBERE DAM WATER RESERVOIRS - EXPERT FUND	0.03		Committed	ODA	Grant	Cross-cutting	Water and sanitation	INTERVENTION TO FINALIZE THE EXISTING HYDRAULIC STRUCTURE, INCREASE THE WATER SUPPLY AND IMPLEMENT THE SANITATION SYSTEM OF SOME SELECTED TOWNS - EXPERT FUND
Kenya / local economy and protection of the environment	0.12		Committed	ODA	Grant	Mitigation	Cross-cutting	MANI TESE 76 / The project aims to combat poverty by improving land management

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Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

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	Climate-specific [f]							
	European euro - EUR	*USD*						
Lebanon / Activities of international cooperation for civil protection	0.18		Committed	ODA	Grant	Adaptation	Cross-cutting, Other (Disaster prevention and preparedness)	CIMA reasearch Foundation International center of Environment Monitoring / Support and maintenance of the RISICO system for prediction and prevention of forest fire in Lebanon. Design of an early warning system for the flood risk
Lebanon / INTEGRATED SYSTEM FOR THE MANAGEMENT OF THE JOUZ RIVER RESOURCES AIMED AT INSTALLATION OF HYDRO POWER PLANT	0.76		Committed	ODA	Grant	Mitigation	Energy	Lebanon Authorities / CONTRIBUTING TO THE CAPACITY DEVELOPMENT OF THE LEBANESE GOVERNMENTAL STRATEGY FOR THE MITIGATION OF CLIMATE CHANGE
Lebanon / Technical Assistance under the Lebanon Environmental Pollution Abatement Project. - Expert Fund	0.03		Provided	ODA	Grant	Mitigation	Cross-cutting	CARLSON WAGONLIT ITALIA SRL / The program aims at strengthening the capacities of the Lebanese Ministry of Environment (MOE) in the field of industrial pollution management
Lebanon / Supply and installation of 20 solar street lights	0.03		Committed	ODA	Grant	Mitigation	Energy	MINISTERO DIFESA - CIMIC/Supply and installation of 20 solar street lights
Lebanon / Supply and installation of 20 solar street lights	0.02		Committed	ODA	Grant	Mitigation	Energy	MINISTERO DIFESA - CIMIC/Supply and installation of 20 solar street lights
Lebanon / Supply and installation of 30 solar street lights	0.03		Committed	ODA	Grant	Mitigation	Energy	MINISTERO DIFESA - CIMIC/Supply and installation of 30 solar street lights

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Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Malawi / Extension of the irrigation project	0.02		Committed	ODA	Grant	Adaptation	Water and sanitation	Associazione Regionale Trentina di Cooperazione Internazionale - COOPI / Extension of the irrigation and electricity supply for the irrigation system and other social activities in the regions and Kasungu Likoma Island
Maldives / Training nature guides for the Maldives (University Course) and Environmental Education in Primary School (MALDIVE)	0.03		Committed	ODA	Grant	Cross-cutting	Cross-cutting	Università Milano Bicocca - Relazioni internazionali / Training nature guides for the Maldives (University Course) and Environmental Education in Primary School (MALDIVE)
Mali / A smile for Mali children - II edition	0.01		Committed	ODA	Grant	Cross-cutting	Energy	Unione delle Chiese Metodiste e Valdesi - 8XMILLE / Improving living conditions of neglected children by building solar energy stations for an orphanage
Mali / Potable Water Supply of Bamako from the Kabala Station	0.06		Committed	ODA	Grant	Cross-cutting	Water and sanitation	Italian Embassy in DAKAR / The Kabala project will supply the Bamako town, serving 1.200,000 new users and improving the service for 350,000 old users.
Mexico / CREO	0.01		Committed	ODA	Grant	Cross-cutting	Cross-cutting	Unione delle Chiese Metodiste e Valdesi - 8XMILLE / Supporting under-priviledged families living close to rubbish dumps and teaching them recycling-composting innovative and effective techniques

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Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

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	Climate-specific [f]							
	European euro - EUR	*USD*						
Morocco / IMPROVING ACCESS TO WATER AND SANITATION IN THE SETTAT PRIVINCE - MOROCCO PROJECT	0.02		Committed	ODA	Grant	Cross-cutting	Water and sanitation	Italian Embassy in RABAT / THE INITIATIVE, IN LINE WITH THE MOROCCAN GOVERNMENT'S STRATEGIC PLAN, AIMS AT IMPROVING HYGIENIC AND ENVIRONMENTAL CONDITIONS AND THE ACCESS TO DRINKING WATER, AS A PRIORITY FOR THE ACHIEVEMENT OF THE MDGS
Morocco / IMPROVING ACCESS TO WATER AND SANITATION IN THE SETTAT PRIVINCE - MOROCCO PROJECT. EXPERT FUND	0.01		Committed	ODA	Grant	Cross-cutting	Water and sanitation	THE INITIATIVE, IN LINE WITH THE MOROCCAN GOVERNMENT'S STRATEGIC PLAN, AIMS AT IMPROVING HYGIENIC AND ENVIRONMENTAL CONDITIONS AND THE ACCESS TO DRINKING WATER, AS A PRIORITY FOR THE ACHIEVEMENT OF THE MDGS
Morocco / OLIVO - SUPPORTING LOCAL FARMERS OF TADLA-AZILAL IMPROVING THE OLIVE OIL PRODUCTION COMMERCIALIZATION-INSURANCE AND SOCIAL CHARGE	0.01		Committed	ODA	Grant	Adaptation	Agriculture	THE PROJECT AIMS TO COMBAT THE PHENOMENON OF ABANDONMENT OF THE COUNTRYSIDE AND PRODUCTIVE SUBURBS BY YOUNG PEOPLE, THROUGH INTEGRATED AND COORDINATED ACTIONS THAT ARE ABLE TO ADDRESS THE ISSUE BOTH ECONOMICALLY AND SOCIALLY.

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Morocco / Vocational training and start-up of young entrepreneurs in the solar sector in the Province of Tata	0.03		Committed	ODA	Grant	Cross-cutting	Energy	Regione Emilia-Romagna/Aims:to set up a small enterpise in the solar energy sector. To create a solar panels pilot plant for oasi irrigation
Mozambique / A supply chain for sustainable economic growth	0.21		Committed	ODA	Grant	Adaptation	Water and sanitation	FONDAZIONE DI COOPERAZIONE RURALE IN AFRICA E AMERICA LATINA / The needy populations of the areas involved have access to services through a sustainable economic growth.
Mozambique / Empowering conditions for good water governance – a financial and economically sustainable model in Vilanculo, Mozambico	0.01		Committed	ODA	Grant	Adaptation	Water and sanitation	CeTAmb (Centro di doc.e ricerca sulle tecnologie appropriate per la gestione dell'ambiente nei PVS) / Monitoring of the water access in the city of Vilanculo with a special focus on the quality of water resources available
Mozambique / Enlight the Future	0.01		Committed	ODA	Grant	Cross-cutting	Energy	Unione delle Chiese Metodiste e Valdesi - 8XMILLE / Solar powered energy supply to 820 families in Namaacha district and start-up of income-generating activities involving a solar lantern rental system
Mozambique / FORTUR - vocational training and educational programs to increase the rate of employment in the hotel and tourism sector in Cabo D	0.04		Committed	ODA	Grant	Mitigation	Cross-cutting	ISTITUTO OIKOS / The project aims to align vocational training programs with the needs of the emerging tourism industry, helping to reduce disparities in access to education for women and vulnerable groups.

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Mozambique / Transformações para alimentar or planet . Dies cashew , mango , citrus and vegetables in the province of Inhambane - Mozambique	0.01		Committed	ODA	Grant	Adaptation	Agriculture	SVI / Transformações para alimentar or planet . Dies cashew , mango , citrus and vegetables in the province of Inhambane - Mozambique
Myanmar / Agriculture, Reforestation and Education	0.07		Committed	ODA	Grant	Adaptation	Agriculture, Forestry	C.E.I. - 8XMILLE / Promotion of a sustainable development model in the Kyang Tong: Agriculture, Reforestation and Education
Myanmar / Integrated development plan for tourism enhancement: antique cities of Upper Myanmar	0.19		Committed	ODA	Grant	Cross-cutting	Cross-cutting	UNIVERSITA' DEGLI STUDI DI FIRENZE / Integrated development plan for tourism enhancement: antique cities of Upper Myanmar
Myanmar / Reforestation project	0.01		Committed	ODA	Grant	Adaptation	Forestry	C.E.I. - 8XMILLE / Reforestation project
Nepal / The Fruits of the Garden : the Home Gardens for sustainable agriculture in Nepal and Lombardy	0.01		Committed	ODA	Grant	Cross-cutting	Agriculture	Asia / The Fruits of the Garden : the Home Gardens for sustainable agriculture in Nepal and Lombardy
Nicaragua / Reforestation of land in the region of Wamblan	0.02		Committed	ODA	Grant	Adaptation	Agriculture, Forestry	C.E.I. - 8XMILLE / Cultivation of 35 hectares of maize, beans and 17.5 hectares of reforestation of 35 hectares of land in the region of Wamblan
Nicaragua / Strengthening Nicaragua Red Cross capacity to cope with disaster and emergency situations.	0.04		Committed	ODA	Grant	Cross-cutting	Cross-cutting, Other (Disaster prevention and preparedness)	Nicaragua Red Cross / The project aims at: a) improving the performance of the National Society's response action to emergencies and / or disasters; b) promoting the use of community tools in the preparation and response to disasters and crisis.

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

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	Climate-specific [f]							
	European euro - EUR	*USD*						
Niger / ANADIA Niger - Climate Change Adaptation, Disaster Prevention and Agricultural Development for Food Safety	0.01		Committed	ODA	Grant	Adaptation	Cross-cutting	Ibimet CNR / Politecnico di Torino Dip. Interateneo Scienze, Progetto e Politiche del Territorio / This project aims to strengthen the capacities of stakeholders at national, regional, municipal and village level to assess flood and drought risk and to identify adaptation measures at local level. Anadia-Niger operate in the Tillabéri region (2.7 million people, 97,200 km2), in the 3 rural municipalities where the flood risk is higher (Gothèye, Imanan and Ouro Gueladjio) and in 6 among the most flood and drought prone villages. The Projet is co-funded by the Italian Ministry of Foreign Affairs, by Ibimet CNR, Directorate National of Meteorology of Niger and DIST-Politecnico di Torino.
Niger / Projet d'accès aux marchés et d'infrastructures rurales dans la région de Tahoua (PAMIRTA)	8.00		Committed	ODA	Concessional Loan	Mitigation	Cross-cutting, Agriculture	Projet d'accès aux marchés et d'infrastructures rurales dans la région de Tahoua (PAMIRTA)
SIDS / "Climate change assessment in small Pacific islands states" (III YEARS 'OF 3)	0.05		Committed	ODA	Grant	Cross-cutting	Water and sanitation	CMCC / Contribution to the CMCC - Euro Mediterranean Centre for Climate Change, "Climate change assessment in small Pacific islands states" (III YEARS 'OF 3)

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

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	Climate-specific [f]							
	European euro - EUR	*USD*						
Pakistan / EXPERTS FUND-CONTRIBUTION FOR THE SET UP THE TECHNICAL SUPPORT UNIT FOR THE DEBT CONVERSION - EXPERT FUND	0.04		Committed	ODA	Grant	Cross-cutting	Cross-cutting	ASSISTANCE TO THE JOINT TECHICAL UNIT FOR THE IMPLEMENTATION OF THE DEBT CONVERSION INITIATIVE
Peru / Indigenous communities and amazonian natural resources	0.17		Committed	ODA	Grant	Mitigation	Agriculture, Forestry	C.E.I. - 8XMILLE / Indigenous communities and amazonian natural resources: strengthening of the producers organized in cooperative Achuar Shakaim as an example of human and sustainable development for the marginalized peoples of the Peruvian jungle
Peru / Installation of 12 windmill blade in Pomabamba district, Perù	0.02		Committed	ODA	Grant	Mitigation	Energy	Regione Autonoma Trentino Alto Adige/Installation of 12 windmill blade in Pomabamba district, Perù
Senegal / A PHOTOVOLTAIC POWER STATION AT THE LIMAMOULAYE SECONDARY HIGH SCHOOL (SENEGAL). SOCIAL SECURITY CHARGES AND INSURANCE FOR VOLUNTE	0.01		Committed	ODA	Grant	Cross-cutting	Energy	THE AIM OF THE PROJECT IS TO INSTALL A PHOTOVOLTAIC POWER STATION AT THE LIMAMOULAYE SECONDARY HIGH SCHOOL OF GUEDAWAYE IN ORDER TO ENSURE THE ENERGETIC SELF-SUFFICIENCY OF THE INSTITUTE AND PARTICULARLY THE COMPUTER LABS FUNCTIONING.

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Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Senegal / ACCESS TO WATER AND SANITATION FOR THE RURAL COMMUNITY OF NIAMONE. SOCIAL SECURITY CHARGES AND INSURANCE FOR VOLUNTEERS	0.02		Committed	ODA	Grant	Mitigation	Water and sanitation	ACRA PROPOSES A SERIES OF INTERVENTIONS TO SUPPLY DRINKABLE WATER, ACCORDING TO WHO STANDARDS, AND SANITATION SERVICES, ACCORDING TO UNICEF STANDARDS, TO THE 8.476 INHABITANTS OF THE 11 VILLAGES PART OF THE RURAL COMMUNITY OF NIAMONE, SENEGAL.
Senegal / ECO-SYSTEM SERVICE IMPLEMENTATION AND GREEN ECONOMY FOR MATAM REGION DEVELOPMENT. SOCIAL SECURITY CHARGES AND INSURANCE FOR VOLUNT	0.02		Committed	ODA	Grant	Cross-cutting	Energy	THE PROJECT AIMS TO IMPROVE THE ECONOMIC DEVELOPMENT IN THE REGION OF MATAM, SENEGAL, THROUGH THE INTRODUCTION OF SOME APPLICATIONS OF RENEWABLE ENERGY, IN PARTICULAR THE SOLAR, THE THERMAL, THE PHOTOVOLTAIC.
Senegal / Food Development . Family farming and processing sectors in the regions of Thies and Louga - Senegal	0.01		Committed	ODA	Grant	Mitigation	Agriculture	Ipsia / Food Development . Family farming and processing sectors in the regions of Thies and Louga - Senegal

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Senegal / FREDDAS RENEWABLE SOURCES OF ENERGY FOR SUSTAINABLE DEVELOPMENT OF SENEGAL RIVER VALLEY. SOCIAL SECURITY CHARGES AND INSURANCE FOR	0.01		Committed	ODA	Grant	Cross-cutting	Energy	THE PROJECT AIMS TO PROMOTE SUSTAINABLE AND DURABLE DEVELOPMENT UNDER ECONOMIC AND STRATEGIC PROFILE IN DAGAN DEPARTMENT (SAINT LOUIS REGION) AND KANEL (MATAM REGION), BOTH LOCATED IN THE SENEGAL RIVER VALLEY
Senegal / Italy-Senegal Agricultural Program - Contribution art. 15	0.48		Committed	ODA	Grant	Cross-cutting	Agriculture	SENEGAL Autorities / The program will contribute to the improvement of food security for rural populations in the target regions of the Country Program through a concerted and sustainable approach at local level.
Senegal / Italy-Senegal Agrigultural Program - Local fund	0.06		Committed	ODA	Grant	Cross-cutting	Agriculture	Italian Embassy in DAKAR / The program will contribute to the improvement of food security for rural populations in the target regions of the Country Program through a concerted and sustainable approach at local level.
Senegal / Microjardins Milan - Dakar : cultivate a healthy and productive cities . " (Senegal) .	0.06		Committed	ODA	Grant	Cross-cutting	Agriculture	Acra-Ccs / Microjardins Milan - Dakar : cultivate a healthy and productive cities . " (Senegal) .
Senegal / SENEGAL- SUPPORT TO THE NATIONAL PROGRAMME FOR INVESTMENTS IN AGRICULTURE	0.03		Committed	ODA	Grant	Cross-cutting	Agriculture	CARLSON WAGONLIT ITALIA SRL / IMPROVEMENT OF LOCAL ECONOMIC DEVELOPMENT

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Senegal / Solar Energy for education. A photovoltaic power station at Limamoulaye High School of Dakar	0.01		Committed	ODA	Grant	Cross-cutting	Energy	ONG CESES / Building of a 40 KW photovoltaic power station on the renewed roof in order to make the school energetically independent. Moreover, the power station is a technical laboratory for students from the Lamamoulaye High School and from Politecnico di Milano who will have the chance to study the station’s efficiency at a different latitude.

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Senegal / Use of remote sensing and terrain modelling to identify suitable zones for manual drilling in Africa and support low cost water supply	0.15		Committed	ODA	Grant	Cross-cutting	Cross-cutting	Natural Environment Research Council / In the framework of the programme for the achievement of MDG (MIllenium Development Goals) for water supply, UNICEF is promoting manual drilling throughout Africa; with different activities: advocacy, mapping of suitable zones, technical training and institutional support. Manual drilling refers to those techniques of drilling boreholes for groundwater exploitation using human or animal power (not mechanized equipment). These techniques are well known in countries with large alluvial deposits (India, Nepal, Bangladesh, etc). They are cheaper than mechanized boreholes, easy to implement as the equipment is locally done, able to provide clean water if correctly applied. But manual drilling is feasible only where suitable hydrogeological conditions are (shallow layers not to hard and groundwater not deeper than 25 m). Therefore a preliminary identification of suitable areas is necessary. The method for the identification of suitable zones at country levelalready aplied in 15 countries is based on the analysis of existing hydrogeological data.

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Senegal / Green energy	0.04		Committed	ODA	Grant	Cross-cutting	Energy	Unione delle Chiese Metodiste e Valdesi, Ente morale di Culto, Istruzione e Beneficenza/Setting up a solar-powered pump for water supply and irrigation and supporting the three vocational training centers to promote agriculture and animal husbandry education
Serbia / Reconstruction and development following the floods of May 2014. FL (Fopndi La Pergola)	0.32		Committed	ODA	Grant	Cross-cutting	Cross-cutting	Italian Embassy in BELGRADO / Riconstruction and development following the floods of May 2014. FL
Seychelles / Interuniversity cooperation Torino - Sahel : program area on teaching , research and training in Senegal , Burkina Faso , Niger , Mali and Cape Verde	0.01		Committed	ODA	Grant	Cross-cutting	Cross-cutting	Centor Interdiparimentale Studi Africa Occidentale (CIASAO) - Università di Torino / Interuniversity cooperation Torino - Sahel : program area on teaching , research and training in Senegal , Burkina Faso , Niger , Mali and Cape Verde

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Seychelles / Support to the subsistence agriculture and biodiversity protection to achieve food self-sufficiency	0.01		Committed	ODA	Grant	Cross-cutting	Agriculture	Comitato Pavia-Asti- Senegal (CPAS) / As part of the development strategy contained in the Local Development Plan of CR Coubalan, the project aims to contribute to the attainment of food self-sufficiency of its populations, increasing the production and yields of cultivated land in rice. It aims, in particular, to: strengthen local strategies to achieve food self-sufficiency by organizing meetings for consultation and coordination among the elected ,strenghten the technical services of the State, farmers' organizations and civil society; organize technical training, seminars and workshops, with the support of technicians from Piedmont, on specific issues regarding the improvement of agricultural services for farmers and technicians working on site; improve, with the support of the technical services and local counterparts Piedmont (Coldiretti, Ente Risi), the local varieties of rice, strengthen the environmental protection and facilitate people's access to the small farm machinery.

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
South Africa / A SUSTAINABLE COMMUNITY ENFORCEMENT IN THE INFORMAL SETTLEMENTS OF BUFFALO CITY MUNICIPALITY. SOCIAL SECURITY CHARGES AND INSURAN	0.01		Committed	ODA	Grant	Mitigation	Water and sanitation	THE PROJECT BUILDS AN INTEGRATED ACTION TO IMPROVE THE LIVING CONDITIONS OF PEOPLE LIVING IN INFORMAL SETTLEMENTS IN THE BUFFALO CITY MUNICIPALITY (SOUTH AFRICA) THROUGH MEASURES PRIMARILY AIMED AT WOMEN, CHILDREN AND ORPHANS EXPOSED TO VIOLENCE
Africa / Advanced technical and managerial training	0.19		Committed	ODA	Grant	Cross-cutting	Cross-cutting	ISTITUTO AGRONOMICO PER L'OLTREMARE / the initiative aims at strengthening individual capacities of 16 professionals from Subsaharan priority countries through the delivery of a Master of Science in Natural Resources Management for Tropical Rural Development
Africa / CONSERVATION AND EQUITABLE USE OF BIOLOGICAL DIVERSITY IN THE SADC REGION: FROM GEOGRAPHIC INFORMATION SYSTEM (GIS)	0.26		Committed	ODA	Grant	Cross-cutting	Cross-cutting	UNIROMA SAPIENZA DIP BIOLOGIA AMB. / THE INITIATIVE AIMS AT PROMOTING BIODIVERSITY CONSERVATION AND SUSTAINABLE ECONOMIC DEVELOPMENT IN THE SADC REGION, THROUGH BOTH BUILDING THE CAPACITY

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Africa / Construction of wells in Southern Sudan and Uganda and promotion of development awareness for the Community	0.20		Committed	ODA	Grant	Adaptation	Water and sanitation	Associazione Centro Aiuti Volontari / Construction of wells in Southern Sudan and Uganda and promotion of development awareness for the Community
South Sudan / Emergency initiative in support of the vulnerable people in South Sudan.	0.40		Committed	ODA	Grant	Adaptation	Cross-cutting	Italian Embassy in ADDIS ABEBA / The initiative will benefit mainly vulnerable groups in Sud Sudan through promotion of agricolture and food security and improvement of basic services.
Sri Lanka / Integrated Rural Dev. through Sustainable Business Social. Technology and innovation applied to two traditional Sri Lankan food chains:spices and rice	0.01		Committed	ODA	Grant	Adaptation	Agriculture	Icei / SRI - BIZ - Integrated Rural Development through Sustainable Business Social . Technology and innovation applied to two traditional Sri Lankan food chains : spices and rice
Sri Lanka / SRI-ECO Integrated rural development ECOsustainable in Sri Lanka	0.13		Committed	ODA	Grant	Mitigation	Agriculture	ISTITUTO COOPERAZIONE ECONOMICA INTERNAZIONALE / The project contributes to the resolution of the socio-economic problems of the rural vulnerable population of Sry Lanka, strengthening the so-called enabling environment to foster the development of the local endogenous production
Tanzania / Construction of a tree farm and strengthening of the environment as a climate change adaptation measure in the district of Missenyi.	0.01		Committed	ODA	Grant	Cross-cutting	Agriculture	Kolping Society of Tanzania / Construction of a tree farm and strengthening of the environment as a climate change adaptation measure in the district of Missenyi.

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Tanzania / Electricity from renewable sources	0.04		Committed	ODA	Grant	Mitigation	Energy	Unione delle Chiese Metodiste e Valdesi - 8XMILLE / Bringing electricity into rural areas by building Renewable energy power stations
Tanzania / Improvement of the pasture soil and introduction of eco-sustainable practices in agriculture in the forestry sector as a climate change measure.	0.01		Committed	ODA	Grant	Cross-cutting	Agriculture	Missenyi District Local Government / Improvement of the pasture soil and introduction of eco-sustainable practices in agriculture in the forestry sector as a climate change measure in the Missenyi district, Kagera, Tanzania.
Tanzania / KARIBU MAGI: environmental protection and improvement of health conditions in the Village of Msolwa, Tanzania	0.02		Committed	ODA	Grant	Adaptation	Water and sanitation	Comune di Cavaion Veronese / The project aims to contribute to the improvement of the living conditions of the population by providing access to drinking water and by improving draining of sewage and waste disposal. There will be actions on waterworks, for the restoration and cleaning of the pipeline with installation of water purifiers. A system of sewage draining with biogas production will be also set up together with a system of waste collection and disposal. There will be training courses for local teams working for the realization of the activities and their subsequent maintenance. Information and awareness activities will be also organized during the project.

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Tanzania / Mobilization of the local communities to adapt to climate change and to reduce its impact in the Missenyi region.	0.04		Committed	ODA	Grant	Cross-cutting	Cross-cutting	Kolping Society of Tanzania / Mobilization of the local communities to adapt to climate change and to reduce its impact in the Missenyi region.
Tanzania / S.A.F.E. Gardens : Sustainable Actions For Edible Gardens (Tanzania)	0.05		Committed	ODA	Grant	Cross-cutting	Agriculture	Oikos / S.A.F.E. Gardens : Sustainable Actions For Edible Gardens (Tanzania)
Togo / Solar energy for the hospital	0.02		Committed	ODA	Grant	Mitigation	Energy	Unione delle Chiese Metodiste e Valdesi, Ente morale di Culto, Istruzione e Beneficenza/Implanting photo-voltaic cells to produce electrical energy in the Maison des Anges Hospital
Tunisia / Contribution to MEDREC Mediterranean Renewable Energy Centre	0.21		Committed	ODA	Grant	Cross-cutting	Cross-cutting	MEDREC Mediterranean Renewable Energy Centre / Financial contribution to the MEDREC related to management costs and development of projects on renewable energies in Tunisia
Tunisia / Contribution to the APREIME - Agency for the promotion of economic relations Italo - Mediterranean			Committed	ODA	Grant	Cross-cutting	Energy	APREIME - Agency for the promotion of economic relations Italo - Mediterranean / Support for the promotion and development of pilot projects in the field of renewable energy
Uganda / Reliable and affordable power systems for the Lacor hospital (year2) and personnel exchange between the Lacor Hospital and the hospital in Bozen(2014)	0.02		Committed	ODA	Grant	Mitigation	Energy	Provincia di Bolzano/Reliable and affordable power systems for the Lacor hospital (2nd year) and personnel exchange between the Lacor Hospital and the hospital in Bolzano/Bozen in 2014.

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Uganda / Solar power project	0.02		Committed	ODA	Grant	Mitigation	Energy	Provincia di Bolzano/Solar power project.
Viet Nam / PROJECT TO SUPPORT AGRICULTURE AND IMPROVEMENT OF THE WATER SYSTEM, PHU VANG DISTRICT, PROVINCE OF THUA	0.06		Committed	ODA	Grant	Mitigation	Agriculture	GRUPPO DI VOLONTARIATO CIVILE GVC / THE PROJECT AIMS TO IMPROVE AGRICULTURE FIELD AND THE WATER SYSTEM IN THE DISTRICT PHU VANG, PROVINCE OF THUA THIEN HUE, VIETNAM
Viet Nam / SUPPORT TO BALANCE PAYMENTS AND WATER SECTOR PROGRAM AID. Financing to recipient government institutions	0.56		Committed	ODA	Grant	Mitigation	Water and sanitation	Viet Namese Authorities / SUPPORT TO BALANCE PAYMENTS AND WATER SECTOR PROGRAM AID
Middle East and North Africa, West Bank and Gaza Strip / Organic fertilizers	0.03		Committed	ODA	Grant	Cross-cutting	Agriculture	CENTRO REGIONALE DI INTERVENTO PER LA COOPERAZIONE / THE AIM IS TO CONTRIBUTE TO MITIGATE THE CLIMATE CHANGE EFFECTS IN AGRICOLTURAL PASTORAL AREA IN ORDER TO PROMOTE FOOD SECURITY AND TO ENHANCE LAND ECOSUSTAINABLE MANAGEMENT
Middle East and North Africa, West Bank and Gaza Strip / POSIT - PRIMARY HEALTH CARE	0.72		Committed	ODA	Grant	Cross-cutting	Cross-cutting	Palestinian Authorities / THE PROJECT AIMS TO SUPPORT THE STRENGHTENING OF PRIMARY HEALTH CARE SYSTEM OF THE PALESTINIAN MINISTRY OF HEALTH

Table 7(b) ITA_BR2_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2014[a]

Recipient country/ region/project/programme [b]	*Total amount*		*Status* [c]	*Funding source* [g]	*Financial instrument* [g]	*Type of support* [g, h]	*Sector* [d]	*Additional information* [e]
	Climate-specific [f]							
	European euro - EUR	*USD*						
Middle East and North Africa, West Bank and Gaza Strip /	0.01		Committed	ODA	Grant	Adaptation	Agriculture	Unione delle Chiese Metodiste e Valdesi - 8XMILLE / Increasing rural community resilience in the Gaza Strip, by strenghtening biodiversity protection and sustainable production practices, by creating strategic seeds reserves and by providing agricoltural training to beneficiaries
Middle East and North Africa, West Bank and Gaza Strip / WOMEN'S EMPOWERMENT AND LOCAL DEVELOPMENT EX ART 15 LA PERGOLA	0.40		Committed	ODA	Grant	Cross-cutting	Cross-cutting	THE PROGRAMME AIMS TO INCREASE THE OPPORTUNUNITIESFOR SOCIO-ECONOMIC DEVELOPMENT OF PALESTINIAN WOME
Zimbabwe / Purchase, installation and connection of solar panels for Emerald Hill Children's Home	0.02		Committed	ODA	Grant	Cross-cutting	Energy	CEI/Purchase, installation and connection of solar panels for Emerald Hill Children's Home

Abbreviations: ODA = official development assistance, OOF = other official flows; USD = United States dollars.

[a] Parties should fill in a separate table for each year, namely 2011 and 2012, where 2014 is the reporting year.

[b] Parties should report, to the extent possible, on details contained in this table.

[c] Parties should explain, in their biennial reports, the methodologies used to specify the funds as provided, committed and/or pledged. Parties will provide the information for as many status categories as appropriate in the following order of priority: provided, committed, pledged.

[d] Parties may select several applicable sectors. Parties may report sectoral distribution, as applicable, under “Other”.

[e] Parties should report, as appropriate, on project details and the implementing agency.

[f] Parties should explain in their biennial reports how they define funds as being climate-specific.

[g] Please specify.

[h] Cross-cutting type of support refers to funding for activities which are cross-cutting across mitigation and adaptation.

Custom Footnotes

Provision of technology development and transfer support[a,b]

Recipient country and/or region	*Targeted area*	*Measures and activities related to technology transfer*	*Sector* [c]	*Source of the funding for technology transfer*	*Activities undertaken by*	*Status*	*Additional information* [d]
China	Mitigation and Adaptation	CCS Technologies studies; geological investigation, data colelction and interpretation; emission sources investigation and analysis	Other (Carbon capture and storage)	Public	Private and Public	Implemented	
China	Mitigation and Adaptation	Design, demostration and validation of an open platform for data sharing;	Transport	Public	Public	Implemented	Processing and management for urban sustainable transportation
Mexico	Mitigation	Application of solar energy for food refrigeration	Energy, Agriculture	Public	Private and Public	Implemented	
Brazil	Mitigation	Application of solar heating for industrial process, in the Pirelli plant based in Feira de Santana. Application of direct steam generation at plant.	Energy	Private and Public	Private and Public	Implemented	Application of a medium temperature solar collector receiver tube-based high-efficiency selective coating DSG with high performance
Papua New Guinea	Mitigation	Installation of three mini PV solar systems, a mini hydro project, a biodiesel project and several training activities	Energy	Public	Public	Planned	
Kiribati	Adaptation	Installation of solar pump system	Other (Water)	Public	Public	Implemented	
Kiribati	Mitigation	Setting up and checking of wind sensors on the Tower; Training of Government Representatives	Energy	Public	Public	Implemented	
Micronesia (Federated States of)	Mitigation	Installation of four photovoltaic (PV) power systems; data sharing.	Energy	Public	Public	Implemented	
Salomon Islands	Mitigation	Application of small scale solar lighting system	Energy	Public	Public	Implemented	

Provision of technology development and transfer support[a,b]

Recipient country and/or region	*Targeted area*	*Measures and activities related to technology transfer*	*Sector* [c]	*Source of the funding for technology transfer*	*Activities undertaken by*	*Status*	*Additional information* [d]
Brazil	Mitigation	Application of solar heating for industrial process, in the Pirelli plant, based in Feira de Santana. Application of direct steam generation at plant. Application of a medium temperature solar collector receiver tube-based high-efficiency selective coating DSG with high performance.	Energy	Private and Public	Private and Public	Implemented	
China	Mitigation	Low-NOx Emission Gas-boiler Pilot Project - The project promotes the technical retrofitting in the use of gas-fired boilers, to lower the NOx emission. According to Beijing's Emission Standards for Boilers Air Pollutants (May 2015), the NOx emission from existing boilers should be below 80 mg/m3 and from new boilers below 30 mg/m3, from the year of 2017.	Energy	Public	Private and Public	Implemented	Two Italian companies - mainly: Elco and Riello - are involved in the project. In particular, Elco gives solutions for industrial, residential and commercial heating, from 11kWto 45MW, by providing burner head replacement + flue gas recirculation + control system upgrading, and boiler replacement, circulating pump and subsystem replacement. Riello's technology consists of retrofitting the existing burners with a new combustion head and other special components, plus flue gas recirculation system, with a low NOx emission lower than 80 mg/m3, possibly achieving emissions around 60mg/M3.
Congo	Mitigation and Adaptation	Completion of a micro-power plant in M'bau	Energy	Public	Public	Planned	
Egypt	Mitigation and Adaptation	New materials with low environmental impact for thin film solar cells fabrication	Energy	Public	Public	Planned	The project has several aspects: 1. Development of CZTS films for solar cells application. 2. Physical understanding and overcoming of limiting processes in prepration of CZTS films. 3. Fabrication of low-cost, stable and efficient solar cells
Lebanon	Mitigation	Integrated system for the management of the Jouz river resources aimed at installation of hydro power plant	Energy	Public	Public	Planned	

Provision of technology development and transfer support[a,b]

Recipient country and/or region	*Targeted area*	*Measures and activities related to technology transfer*	*Sector* [c]	*Source of the funding for technology transfer*	*Activities undertaken by*	*Status*	*Additional information* [d]
Lebanon	Mitigation	Installation of 70 solar street lights	Energy	Public	Public	Planned	
Mali	Mitigation and Adaptation	Installation of solar energy stations	Energy	Public	Public	Planned	Improving living conditions of neglected children by building solar energy stations for an orphanage
Mozambique	Mitigation and Adaptation	Solar power energy	Energy	Public	Public	Planned	Solar powered energy supply to 820 families in Namaacha district and start-up of income-generating activities involving a solar lantern rental system
Kiribati	Mitigation	Biofuel production and refining development - pilot project of production of biofuel from biomass.	Energy	Public	Public	Implemented	System installed in a private company (Kiribati Copra Mill Company)
Kiribati	Mitigation	Installation of PhotoVoltaic Hybrid Mini-Grid - Generation of solar energy in a pilot site.	Energy	Public	Public	Implemented	
Tuvalu	Mitigation	PhotoVoltaic stand alone sytem in housing and cooling storage facility.	Energy	Public	Public	Implemented	The objective is to make these islands independent from an energy point of view
Peru	Mitigation	Installation of 12 windmill blade in Pomabamba district	Energy	Public	Public	Planned	
Senegal	Mitigation and Adaptation	Installation of a photovoltaic power station at the Limamoulaye secondary high school	Energy	Public	Public	Planned	The aim of the project is to install a photovoltaic power station in order to ensure the energetic self-sufficiency of the institute and particularly the computer labs functioning.
Senegal	Mitigation and Adaptation	Installation of a photovoltaic power station at Limamoulaye High School of Dakar	Energy	Public	Public	Planned	Building of a 40 KW photovoltaic power station on the renewed roof in order to make the school energetically independent. Moreover, the power station is a technical laboratory for students from the Lamamoulaye High Schoo
Senegal	Mitigation and Adaptation	Setting up a solar-powered pump for water supply and irrigation and supporting the three vocational training centers to promote agriculture and animal husbandry education	Energy	Public	Public	Planned	

Provision of technology development and transfer support[a,b]

Recipient country and/or region	*Targeted area*	*Measures and activities related to technology transfer*	*Sector* [c]	*Source of the funding for technology transfer*	*Activities undertaken by*	*Status*	*Additional information* [d]
United Republic of Tanzania	Mitigation and Adaptation	Electricity from renewable sources	Energy	Public	Public	Planned	Building Renewable energy power stations in order bringing electricity into rural areas
Togo	Mitigation	Solar energy	Energy	Public	Public	Planned	Implanting photo-voltaic cells to produce electrical energy in the Maison des Anges Hospital
Uganda	Mitigation	Installation of a photovoltaic system	Energy	Public	Public	Planned	
Uganda	Mitigation	Reliable and affordable power systems for the Lacor hospital	Energy	Public	Public	Planned	
Uganda	Mitigation	Solar power project	Energy	Public	Public	Planned	
Zimbabwe	Mitigation and Adaptation	Installation and connection of solar panels for Emerald Hill Children's Home	Energy	Public	Public	Planned	
Solomon Islands	Mitigation and Adaptation	Renewable Energy Electrification Project for rural boarding schools in Solomon Island	Energy	Public	Public	Planned	
Kiribati	Mitigation and Adaptation	PV Hybrid Mini-Grid for Chevalier College, Abemana Atoll	Energy	Public	Public	Planned	
Bolivia	Mitigation	The project aims at improving the quality of life and the access to electricity from renewable energy sources of the inhabitants of the Bolivian rural population	Energy	Public	Public	Planned	

[a] To be reported to the extent possible.

[b] The tables should include measures and activities since the last national communication or biennial report.

[c] Parties may report sectoral disaggregation, as appropriate.

[d] Additional information may include, for example, funding for technology development and transfer provided, a short description of the measure or activity and co-financing arrangements.

Custom Footnotes

Provision of capacity-building support[a]

Recipient country/region	*Targeted area*	*Programme or project title*	*Description of programme or project* [b,c]
Middle East and North Africa, Tunisia and Algeria, Egypt, Libya, Morocco	Technology Development and Transfer	MEDREC Mediterranean Renewable Energy Centre	The MEDREC, based in Tunis, was launched in 2004 by the Italian Ministry of Environment and Territory (IMELS) in collaboration with the National Agency of Energy Conservation (ANME) . It involves international and governmental Institutions of Algeria, Egypt, Libya, Morocco, and Tunisia. MEDREC is a regional centre and a donor-funded project within the ANME, through funding from the IMELS. In 2014 the Centre in collaboration with UNEP promoted initiatives of capacity building, training and information as well as programs to support renewable technologies markets: PROSOL Industrial: Solar Water Heating for Industrial Processes: in order to promote the development of solar thermal systems in the industrial sector. In this framework, a workshop was held during the Energy Solutions World Sustainable Energies Forum (Enersol WSEF) gathering the global sustainable energy community in Tunis during which two studies were presented as proposal for a new support scheme for solar thermal technology in industrial sector in Tunisia, and a demonstration project to reduce greenhouse gases emissions, developed with the financial support of IMELS and BENETTON Group. Advanced Training Course: "Integration of renewable energy solutions in the Mediterranean electricity markets" was organized in Milan on Nov. 2014 in the framework of RES4MED (Renewable Energy Solutions for the Mediterranean - A platform of public-private dialogue within the Energy Mediterranean Partnership), in cooperation with Enel Foundation and Politecnico di Milano. The course is addressed primarily to middle managers with an appropriate seniority selected among public institutions, energy companies, energy centers, universities and research agencies operating in the Mediterranean basin.
Latin America and the Caribbean, Ecuador, Bolivia Papua New Guinea	Adaptation	Climate Change and Mountain Forests - The Mountain Partnership and the Global Island Partnership join hands in Latin America and the Pacific" (October 2013- 2014)	The project builds upon the outcomes of a side event organized in 2012 in Brazil by the Mountain Partnership (MP) at the UN Conference on Sustainable Development (Rio+20) in collaboration with the Global Island Partnership and with the financial support of the Italian Development Cooperation of the Ministry of Foreign Affairs, a core founder and active partner of both alliances. The project aims to promote sustainable management of mountain ecosystems in key tropical mountain regions by supporting the implementation of the Mountain Products Programme (MPP) of the Mountain Partnership Secretariat, as well as FAO's activities aimed at Reducing Emissions from Deforestation and forest Degradation (REDD+). The actions undertaken in the context of REDD+ and MPP programs focus on the development of technical and institutional capacity, support the creation of instruments of forest monitoring and support to local communities regarding sustainable business activities in the agro-forestry.
China	Technology Development and Transfer	Sino-Italian Cooperation Program for Environmental Protection (SICP) (2011 ongoing)	"In the framework of the Sino-Italian Cooperation Program for Environmental Protection (SICP), the cooperation Program between China and Italy, especially dedicated to Climate Change, has been launched on March 2011 with the aims to start a joint program of activities addressing mitigation and adaptation to climate change, transfer and promotion of low-carbon technologies, studies and researches as scientific support to decision-making. The cooperation program includes activities for training and capacity building Program on Climate Change and Sustainable Development. The training aims at providing Chinese participants with theoretical instruments and practical cases on Italian and European experiences in the field of environmental protection and climate change. The Chinese Institutions involved are: Ministry of Science and Technology (MoST), Chinese Academy of Social Sciences (CASS), Ministry for Environmental Protection (MEP), Beijing Metropolitan Environmental Protection Bureau (BMEPB), Shanghai Environmental Protection Bureau (SEPB), Tianjin Science & Technology Commission (TSTC) e la National Development and Reform commission (NDRC), and from 2013 the Ministry for Industry and Information Technology (MIIT). Specific courses have been organized in the field of climate change and sustainable development related issues, such as: "capacity building on climate change" "climate change: policy, conventions and statistical systems" "Environmental management and sustainable development" "Eco-cities" "Industrial Energy Efficiency" "Sustainable Development: Innovation of Science, Technology and Management for Ecological Environment" "air and water pollution prevention and control" "Eco –management Strategies and Policies" "High-Technology and Science Parks for Sustainable Development" "Innovation of Enterprises Green Technologies". The capacity building activities are on-going (at 2015). "

Table 9 ITA_BR2_v1.0

Provision of capacity-building support[a]

Recipient country/region	*Targeted area*	*Programme or project title*	*Description of programme or project* [b,c]
Pakistan	Adaptation	SEED Project (Social, Economic, Environmental Development) Framework: Pakistan-Italian debt for development SWAP agreement (2009-2014)	The SEED project is an initiative submitted by Ev-K2-CNR Committee, Italy and the Karakorum International University, within the framework of the Debt for Development Swap program between the Governments of Italy and Pakistan. One of the key project's approach is its strategy to integrate research and capacity building for intrinsic knowledge generation with community development and ecosystem management. Thematically, the SEED project will focus on three main interconnected areas, (macro-economic development, protected area management/entitlements, livelihood development and well-being) which can be considered the main pillars of an integrated development of CKNP (Central Karakorum National Park Plan). The Central Karakorum National Park is situated in Northern Pakistan and is one of the most vulnerable ecosystems in the world. The most vulnerable ecosystems are mountainous areas (as CKNP), arid areas, wetlands, and coastal/marine ecosystems. The area enjoys a unique natural and cultural heritage that is one of the richest in the world. Unfortunately, external pressures including climate change threaten this heritage. Before the SEED project started in the CKNP area, basic information on the main natural resources (wildlife, forest, water, glaciers, but also livestock and any other resource) was very scanty and not systematically collected. The SEED Project aims at an integrated development of the Central Karakorum National Park Plan (CKNP) supporting the implementation and the management of the Park. A key feature of SEED project's approach is its strategy to integrate research and capacity building for intrinsic knowledge generation with community development and ecosystem management. The project aims at providing capacity building for local authorities and stakeholders in the management of natural resources . In collaboration with KIU and CKNP directorate and with a continuous consultations with the Gilgit Baltistan Government it has been decide to follow a participatory approach, involving more than 150 villages, in order to share with local communities rules, regulations, borders definition.
Nepal, Pakistan, Uganda	Mitigation	SHARE Project - Stations at High Altitude for Research on the Environment (2005-2014)	SHARE project - Stations at High Altitude for Research on the Environment was launched in 2005 by the EvK2CNR Committee coordinated by CNR Earth and Environment Department. Ev-K2-CNR carries out scientific and technological research in the Hindu Kush – Karakorum – Himalaya (HKKH) region, with particular reference to Nepal, and Pakistan. It is best known for the Pyramid International Laboratory Observatory, located in Nepal, at 5,050 m a.s.l. at the base of Mount Everest. SHARE Project is an observational network of international and institutional collaborating partners (UNEP, WMO, NASA, ESA and IUCN) with the aim to promote continuous scientific observations in key high-mountain regions, which due to their remoteness from highly populated and industrialized regions are considered to be ideal locations for investigating the impact of climate changes from regional to global scales. The promotion of environmental observations in these areas allows the acquisition of unique information about the background conditions of the environment. Following the UN resolutions and indications, Ev-K2-CNR launched the SHARE project. Capacity building activity is one of the crucial objective of SHARE project: local institutions, as the Nepal Academy of Science & Technology, are directly involved in monitoring and research activities assuring support to environmental management policies and decision-making processes. By means of awareness raising, training and technology transfer initiatives, citizens are involved in discovering climate change and its effects on mountains chains and glaciers for a sustainable use. During each field mission carried out by European scientists the involvement of local researchers and technicians for the transferring of scientific and technological knowledge is guaranteed during the usual research activities. Local technicians will be thoroughly trained in the management and maintenance of sophisticated environmental monitoring systems. Furthermore, politicians and local decision-makers are provided with information useful for the definition of national development policies. Workshop "Karakoram Resources and Climate Change: glacier, water and ecosystem" (Islamabad, September 10, 2013). The main objective of the conference is to find out knowledge and scientific research trying to identify strategies to mitigate the effects of climate change
Middle East and North Africa, Tunisia	Adaptation	European Neighbourhood Instrument (ENI) 2014-2020 Cross-Border Cooperation(CBC) Italy-Tunisia Sea-Crossing Programme	Under the ENI, support for CBC on the EU's external border continue to draw on funds from both the external and internal headings of the EU budget, for the pursuit of CBC activities serving both sides of the EU's external border. The Italy-Tunisia Sea-Crossing Programme is part of the ENI-CBC EU Programme and one of the 3 Thematic Objectives is the OT3 "Environmental protection and adaptation to climate change" within which there are two types of Priority Actions : 1. Joint actions for environmental protection 2. Conservation and sustainable use of natural resources These of actions include capacity building activities, capitalization of expertise, dissemination of good practice and experimentation in the field of energy and integrated management and recycling, as well as pilot actions and awareness for adaptation to climate change.

Table 9 ITA_BR2_v1.0

Provision of capacity-building support[a]

Recipient country/region	*Targeted area*	*Programme or project title*	*Description of programme or project* [b,c]
Middle East and North Africa, Egypt, Lebanon and Tunisia	Technology Development and Transfer	MED DESIRE (MEDiterranean DEvelopment of Support schemes for solar Initiatives and Renewable Energies) (2013-2015)	MED-DESIRE main priority is to remove barriers related to the legal, regulatory, economic and organizational framework of distributed solar energy technologies. Co-funded by the European Union through the ENPI CBC MED Programme 2007-2013 for an amount of 4.192.000 Euro, the project aims at spreading energy efficiency, and in particular, solar energy across the Mediterranean area through the definition of innovative financial schemes and market stimulation tools. The project will facilitate the take up of distributed solar energy and energy efficiency in the target regions, by achieving an effective cross-border cooperation and by raising public awareness on the related benefits for the environment and for sustainable local development. MED-DESIRE is implemented by a consortium of nine partners from five countries (Egypt, Italy, Lebanon, Spain and Tunisia), leaded by Puglia Region – Economic Development Regional Ministry - Industrial Research and Innovation Department. Among the initiatives carried out by the project there are: • the Elaboration of recommendations and action plans for improving legislative and regulatory frameworks • Capacity building initiatives for solar energy technicians and professionals to ensure the quality of components and installations • Training sessions for policy-makers in charge of solar energy regulation The project main expected results are: the strengthening of the capacity of public administrations and regional institutions, the improvement of competences of local technicians and professionals, facilitating the removal of the main technical barriers for distributed solar technology and the establishment of a co-operation framework among providers of energy technologies and services in EU Mediterranean Countries and Mediterranean Member Countries (MPC) to foster the development of a sustainable common energy market.
Barbados and Grenada Islands	Mitigation	Capacity building project 'EVRECA! - European Volunteers for Response of Emergencies in the Caribbean (2013-2014)	The Italian Civil Protection Department is coordinating the capacity building project 'EVRECA! The main objective of this project is to define guidelines and standards for the recruitment and training of volunteers in the field of emergency management and Disaster Risk Reduction (DRR) activities. Secondly, the proposal aims to deploy the volunteers in third countries in order to follow the path of ongoing projects with the aim of strengthening local authorities' pre-paredness, early warning systems, response and deployment of volunteers. A stronger institutional response to natural disasters will directly benefit local communities' resilience and awareness of hydro-meteorological risks. The EU volunteers will enhance the level of preparedness and awareness of the institutional stakeholders and of the local volunteers organisations in order to better respond to hydro-meteorological disasters. Priority will be given to those communities who are most exposed to natural disasters and have extremely limited coping capacities.
Middle East and North Africa, Albania, Algeria, Bosnia & Herzegovina, Croatia, Egypt, Israel, Jordan, Lebanon, Montenegro, Morocco, Palestine, Tunisia, Turke	Mitigation	Prevention, Preparedness and Response to Natural and Man-made Disasters (PPRD South) (2008-2013) Euromed Programme Project activities runned until March 2013	The PPRD South was signed between the European Commission (EU funding of EUR 5 million) and the Consortium established by the Italian Civil Protection Department, as leader and the Civil Protection Authorities of Egypt, Algeria, France and the United Nations International Strategy for Disaster Reduction (UNISDR). This EU programme is specifically addresed to climate-related capacity development actions and strengthening institutional capacity of countries not included in Annex I. To this end, the Programme was aimed to contribute to the development and reinforcement of the quality of Civil Protection services in the Euro-Mediterranean region and to the continuation of institutional cooperation in the field. The objectives of the project have been pursued through 4 broad areas of activity aimed at: 1. Risk Assessment – by developing tailored national and regional assessment tools such as the Regional Risk Atlas and the Civil Protection Operational Manual; 2. Prevention and Preparedness – by organising training workshops, study visits and demand-driven technical assistance, by sensitising the creation of National Platforms for Disaster Risk Reduction and by supporting regional coordination; 3. Response – by improving the coverage and the coordination on existing Warning Systems and the relevant Operational Centres and implementing simulation exercises; 4. Information/Communication – by developing a user-friendly Web Portal, improving the level of information and the awareness of risk-prone populations regarding risk exposure, prevention and response. In particular, the “Prevention and Preparedness activities” include the organization and implementation of severale the thematic training workshops focused in particular on: Flood Risk reduction, Information in Emergency, Awareness-Raising, Early Warning System, Emergency Preparedness and Disaster Mitigation for Critical Facilities’ Failure, Tsunami Emergency Preparedness in Mediterranean Coastal Zones, Increasing Disaster Resilience in Urban Settings, Multi-hazard Risk Assessment in Urban Environment. The target audience of the training workshops included high-level managers and operational staff and officials.

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Provision of capacity-building support[a]

Recipient country/region	*Targeted area*	*Programme or project title*	*Description of programme or project* [b,c]
Nepal, Pakistan	Technology Development and Transfer	Nextdata project Project of strategic interest – PNR 2011-2013	The Nextdata Project (a national system for the retrieval, storage, access and diffusion of environment and climate data from mountain and marine areas) aiming at an integrated system of archives and portals through the development of technological and data-processing tools is promoted by EvK2Cnr and CNR. The project consist in a national system for the retrieval, storage, access and diffusion of environment and climate data from mountain and marine areas. It aims at an assessment of the effects induced by climate change and environmental changes in mountain areas and to the creation of an integrated system of archives and portals to facilitate the access to data on the state of the mountain environment. These archives will allow decision–makers and stakeholders to develop actions and adaptation plans to Climate Change. Several training programs to local staff involved in the management and maintenance of stations installed in Nepal, Pakistan and Uganda are carried out. Sub-project 2 consist in Long-term system of digital data on climate and environment, and pilot studies on data use. It also envisages setting up a General Portal providing access to the entire archive ensemble and a centre for data collection and analysis in the Himalaya-Karakorum region, in collaboration with major international research programmes. Sub-project 2 additionally foresees a number of pilot studies based on the use of the Portal, for the definition of the "scientific questions", and providing answers to applicative questions concerning climate and environment change impacts. It will cover, moreover, training and educational activities and implement the dissemination of NextData results. Several training workshops and activities have been carried out on the field and remotely by Italian researchers who daily coordinate with the stations, to train local staff involved in the management and maintenance of stations installed in Nepal, Pakistan and Uganda.Among these activities: - 29-30 April 2013, Islamabad : Karakorum Data Portal Pakistan Scientific Operational Meeting, - 10 September 2013 (NAST Nepal Academy of Sciences and Technologies – Kathmandu): Training on the application of correct metrological procedures in the execution of meteorological measures, management of monitoring network and correct procedures of calibration of sensors.
Middle East and North Africa, Tunisia	Technology Development and Transfer	Cooperation Agreement Italy-Tunisia Environment Sector 2010-2018	With a total budget of 3 million euro the Environment sector of the Cooperation Agreement Italy-Tunisia provides for 2 sub components: climate change and Mediterranean Sea protection. Calls for projects will be launched in the sub sector CDM Projects, Plant Genetic Resources and Early Warning System. In particular, the program aims to promote the implementation of CDM projects (Clean Development Mechanism) envisaged by the Kyoto Protocol, as part of public/private partnerships. In this framework it is planned to create a revolving fund for the financing of feasibility studies and Project Design Documents. It is also planned the technical assistance for the promotion of Tunisian CDM portfolio and to identify potential sustainable economic sectors (ESCO - Energy Company Serving, enhancement of green waste etc ...). The technical assistance services provided will be carried out in partnership between Tunisian and Italian actors.
Middle East and North Africa, Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Occupied Palestinian Territory, Tunisia	Adaptation	Clima South: support to climate change mitigation and adaptation in the ENPI South region (2013-2017)	The project seeks to enhance regional cooperation between the EU and its southern Mediterranean neighbours and among the partner countries themselves (South–South) on climate change mitigation and adaptation, mainly through capacity development and information sharing. The overarching goal is to support the transition of ENP South countries towards low carbon development and climate resilience. Main activities include: • Organisation of regional trainings and meetings on mitigation (e.g. monitoring, reporting and verification including the establishment of national greenhouse gas inventories) and about adaptation (data management, vulnerability assessments, national adaptation strategies and plans); • Fostering EU-South and South-South peer-to-peer cooperation on climate change mitigation and adaptation issues; • Organisation of workshops, trainings and study visits involving the main stakeholders in climate change policy development and implementation. Workshop and training during 2014: •Lecce (Italy) April, 2014, Improving Climate Information seminar framing the opportunities and challenges in the region for enhancing climate information in order to improve vulnerability assessments and strengthening institutional adaptation capacity. • Brussels, February 2014, seminar to increase technical knowledge and facilitate exchange of experiences with the ultimate objective of increasing capacity in international climate change policy making. • Bari (Italy), November 2014, Greenhouse Gas Modelling Seminar: ClimaSouth and ClimaEast projects jointly organised a GHG modelling seminar at the CIHEAM training center in Bari. This event allowed 12 ENP countries to work together, namely: Algeria, Egypt, Israel, Lebanon, Morocco, and Palestine for Climasouth; Armenia, Belarus, Republic of Moldova, Ukraine, Georgia and Azerbaijan for ClimaEast. • Amman (Jordan), August 2014: Climate Change Capacity Building & NAMA activity Identification & Formulation: workshop on general Climate Change capacity building followed by the identification and the draft formulation of a NAMA (Nationally Appropriate Mitigation Activities). The project is implemented by Agriconsulting SpA, an Italian Private Consulting Company, as leader of a Consortium of 7 Institutions of which 5 are Italian.

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Recipient country/region	*Targeted area*	*Programme or project title*	*Description of programme or project* [b,c]
SIDS, The Marshall Islands, Palau, Samoa, Tonga, Tuvalu and Vanuatu.	Technology Development and Transfer	Pacific Small Island Developing States (SIDS) Energy, Ecosystems and Sustainable Livelihoods Initiative: Managing the Ecosystem Implications of Energy Policies in the Pacific Island States. (Phase I 2008-2012) (Phase II 2013-2014	The Pacific SIDS Energy, Ecosystems and Sustainable Livelihoods Initiative (EESLI) was designed with the vision to accelerate the transition to energy systems that are ecologically sustainable, socially equitable and economically efficient. The EESLI is funded by the Governments of Italy and, at a later stage also of Austria, that entrusted its implementation to IUCN Oceania Regional Office (IUCN ORO) together with partner governments. The IUCN ORO Energy Programme, entitled the project "Managing the Ecosystem and Livelihood Implications of Energy Policies in the Pacific Island States". Project activities are being implemented in six Pacific Island countries: the Marshall Islands, Palau, Samoa, Tonga, Tuvalu and Vanuatu. The project, to which Italy has contributed whit a EUR 600.000 donation, had a wide visibility in 2014 in the UN framework as an international best practice due to significant achievements in the field. Phase II of the Project has been approved by the development partners for implementation from 2013 to 2014. It is planned that this allocation would be used to enable Pacific Island Countries to tailor the implementation of their energy policies to ensure that the ecosystem and livelihood implications are sustainable to the ecosystems. Activities included in the second Phase are: • Institutional Capacity Development: capacity building for the development of policies and eco-sustainable energy strategies. • Implementation of a series of projects for the practical application of technologies related to renewable energy, based on the designs submitted by the partner countries. Each project uses energy sources more appropriate to the needs of each country and includes a training component for the management and maintenance of applied technologies.
Eastern Europe, Albania, Bosnia and Herzegovina, The former Yugoslav Republic of Macedonia, Serbia	Adaptation	OrientGate A network for the integration of climate knowledge into policy and planning SEE Program (South Eastern Europe Program) 2012-2014	The OrientGate project, coordinated by the Euro-Mediterranean Centre on Climate Change (CMCC), aims to implement concerted and coordinated climate adaptation actions across South Eastern Europe (SEE). The partnership comprises 19 financing partners, 11 associates and three observers, covering 13 countries, that together will explore climate risks faced by coastal, rural and urban communities, contributing to a better understanding of the impacts of climate variability and climate change on water regimes, forests and agro ecosystems. Main outputs are a set of web tools, designed to provide access to data and metadata from climate observations and simulations that will be available through a data platform connected to the European Climate Adaptation Platform. Other project outputs will include six pilot studies of specific climate adaptation exercises developed by the project's three thematic centres; capacity-building seminars and workshops; main seminars carried out during 2013- 2014: Trento, (Italy), Sep. 2014: Training seminar and dissemination event, guidelines, methodologies and indicators for analysing the impacts of climate change on the hydroelectric sector; Belgrade (Serbia), Jun 2014 Training Seminar, an opportunity to share with participants the results and outputs of Work Package on mapping and harmonising data and downscaling. Matera (Italy), Jul 2014: Seminar on climate and impact indicators to explore how climate and impact indicators can support the climate change adaptation policy-making process. Bari (Italy), Nov 2014: Stakeholder workshop and study day in Puglia. CMCC and Puglia Region Mediterranean Service organised the workshop "Analysis of risks related to climate change in order to support planning for the management and protection of the waters and coasts of Puglia.
Middle East and North Africa, Morocco, Tunisia, Jordan, Egypt; Lebanon, Syria, Algeria	Adaptation	ACLIMAS Adaptation to Climate Change of the Mediterranean Agricultural Systems (2012-2016)	ACLIMAS is a demonstration project funded within the Sustainable Water Integrated Management (SWIM) programme of the European Commission (EC). The project addresses the priority - Water and Climate Change - by promoting in 6 Mediterranean countries/target areas the demonstration / implementation / dissemination of the research results of previous EC-funded initiatives. The overall objective is to bring a durable improvement of the agricultural water management and a broader socio-economic development of target areas in the context of adaptation to climate change, increasing water scarcity, and desertification risks. ACLIMAS pursues an holistic multidisciplinary border-crossing approach that integrates a set of locally-tailored technical adaptation measures with socio-economic and environmental aspects of water management in Mediterranean agriculture. The project is coordinated by the International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM), Mediterranean Agronomic Institute of Bari (IAMB). ACLIMAS has started in January 2012 and lasts 4 years.

[a] To be reported to the extent possible.

[b] Each Party included in Annex II to the Convention shall provide information, to the extent possible, on how it has provided capacity-building support that responds to the existing and emerging capacity-building needs identified by Parties not included in Annex I to the Convention in the areas of mitigation, adaptation and technology development and transfer.

[c] Additional information may be provided on, for example, the measure or activity and co-financing arrangements.

Custom Footnotes

Table 9 ITA_BR2_v1.0

Provision of capacity-building support[a]

Recipient country/region	*Targeted area*	*Programme or project title*	*Description of programme or project* [b,c]