

BR CTF submission workbook

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Table 1

MCO_BR1_v1.0

Emission trends: summary ⁽¹⁾
(Sheet 1 of 3)

CRF: MCO_CRF__ v1.1

| <i>GREENHOUSE GAS EMISSIONS</i> | Base year ^a | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 |
|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> |
| CO ₂ emissions including net CO ₂ from LULUCF | 105.34 | 106.26 | 112.84 | 112.79 | 114.72 | 111.81 | 116.06 | 116.24 | 114.03 |
| CO ₂ emissions excluding net CO ₂ from LULUCF | 105.38 | 106.29 | 112.87 | 112.83 | 114.76 | 111.84 | 116.10 | 116.28 | 114.07 |
| CH ₄ emissions including CH ₄ from LULUCF | 0.66 | 0.72 | 0.79 | 0.80 | 0.83 | 0.80 | 0.82 | 0.85 | 0.81 |
| CH ₄ emissions excluding CH ₄ from LULUCF | 0.66 | 0.72 | 0.79 | 0.80 | 0.83 | 0.80 | 0.82 | 0.85 | 0.81 |
| N ₂ O emissions including N ₂ O from LULUCF | 1.77 | 2.04 | 2.15 | 2.42 | 2.65 | 2.77 | 3.00 | 3.21 | 3.24 |
| N ₂ O emissions excluding N ₂ O from LULUCF | 1.75 | 2.01 | 2.13 | 2.40 | 2.63 | 2.75 | 2.97 | 3.19 | 3.22 |
| HFCs | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | 0.01 | 0.19 | 0.63 | 0.21 | 0.44 |
| PFCs | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | IE, NA, NO | IE, NA, NO | IE, NA, NO | IE, NA, NO |
| SF ₆ | 0.16 | 0.20 | 0.55 | 0.16 | 0.14 | 0.10 | 0.10 | 0.10 | 0.10 |
| Total (including LULUCF) | 107.93 | 109.21 | 116.32 | 116.18 | 118.35 | 115.66 | 120.61 | 120.60 | 118.62 |
| Total (excluding LULUCF) | 107.94 | 109.22 | 116.34 | 116.19 | 118.36 | 115.68 | 120.62 | 120.62 | 118.63 |

| <i>GREENHOUSE GAS SOURCE AND SINK CATEGORIES</i> | Base year ^a | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> |
| 1. Energy | 107.02 | 108.01 | 114.77 | 114.90 | 117.08 | 114.24 | 118.71 | 119.12 | 116.89 |
| 2. Industrial Processes | 0.16 | 0.20 | 0.55 | 0.16 | 0.15 | 0.29 | 0.73 | 0.30 | 0.54 |
| 3. Solvent and Other Product Use | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.03 | 0.05 | 0.03 | 0.04 |
| 4. Agriculture | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 5. Land Use, Land-Use Change and Forestry ^b | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 |
| 6. Waste | 0.75 | 1.01 | 1.02 | 1.12 | 1.12 | 1.12 | 1.14 | 1.17 | 1.17 |
| 7. Other | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Total (including LULUCF) | 107.93 | 109.21 | 116.32 | 116.18 | 118.35 | 115.66 | 120.61 | 120.60 | 118.62 |

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

MCO_BR1_v1.0

Emission trends: summary ⁽¹⁾
(Sheet 2 of 3)

CRF: MCO_CRF__ v1.1

| <i>GREENHOUSE GAS EMISSIONS</i> | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> |
| CO ₂ emissions including net CO ₂ from LULUCF | 114.77 | 112.77 | 113.84 | 111.78 | 106.49 | 100.00 | 98.67 | 89.29 | 92.09 | 90.03 |
| CO ₂ emissions excluding net CO ₂ from LULUCF | 114.81 | 112.81 | 113.88 | 111.82 | 106.52 | 100.03 | 98.71 | 89.32 | 92.13 | 90.07 |
| CH ₄ emissions including CH ₄ from LULUCF | 0.81 | 0.81 | 0.82 | 0.77 | 0.70 | 0.65 | 0.63 | 0.53 | 0.63 | 0.60 |
| CH ₄ emissions excluding CH ₄ from LULUCF | 0.81 | 0.81 | 0.82 | 0.77 | 0.70 | 0.65 | 0.63 | 0.53 | 0.63 | 0.60 |
| N ₂ O emissions including N ₂ O from LULUCF | 3.37 | 3.44 | 3.53 | 3.50 | 3.36 | 3.28 | 3.17 | 2.88 | 3.16 | 3.05 |
| N ₂ O emissions excluding N ₂ O from LULUCF | 3.34 | 3.41 | 3.51 | 3.46 | 3.32 | 3.24 | 3.14 | 2.86 | 3.14 | 3.03 |
| HFCs | 0.33 | 2.80 | 0.56 | 1.14 | 1.44 | 1.99 | 2.07 | 1.31 | 3.20 | 2.85 |
| PFCs | IE, NA, NO | IE, NA, NO | 0.07 | 0.06 | 0.03 | 0.04 | 0.06 | 0.07 | 0.64 | 0.02 |
| SF ₆ | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| Total (including LULUCF) | 119.38 | 119.91 | 118.93 | 117.35 | 112.12 | 106.03 | 104.69 | 94.16 | 99.80 | 96.62 |
| Total (excluding LULUCF) | 119.39 | 119.93 | 118.94 | 117.34 | 112.11 | 106.02 | 104.70 | 94.18 | 99.81 | 96.64 |

| <i>GREENHOUSE GAS SOURCE AND SINK CATEGORIES</i> | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> |
| 1. Energy | 117.77 | 115.81 | 117.00 | 114.85 | 109.29 | 102.63 | 101.20 | 91.62 | 94.66 | 92.51 |
| 2. Industrial Processes | 0.43 | 2.90 | 0.73 | 1.29 | 1.57 | 2.11 | 2.22 | 1.46 | 3.92 | 2.95 |
| 3. Solvent and Other Product Use | 0.04 | 0.03 | 0.04 | 0.04 | 0.05 | 0.06 | 0.12 | 0.05 | 0.07 | 0.07 |
| 4. Agriculture | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 5. Land Use, Land-Use Change and Forestry ^b | -0.01 | -0.01 | -0.02 | 0.01 | 0.01 | 0.01 | -0.01 | -0.02 | -0.02 | -0.02 |
| 6. Waste | 1.15 | 1.18 | 1.16 | 1.15 | 1.20 | 1.23 | 1.17 | 1.05 | 1.16 | 1.11 |
| 7. Other | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Total (including LULUCF) | 119.38 | 119.91 | 118.93 | 117.35 | 112.12 | 106.03 | 104.69 | 94.16 | 99.80 | 96.62 |

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

Emission trends: summary ⁽¹⁾
(Sheet 3 of 3)

CRF: MCO_CRF__ v1.1

| <i>GREENHOUSE GAS EMISSIONS</i> | 2009 | 2010 | 2011 | Change from base to latest reported year |
|---|-----------------------------|-----------------------------|-----------------------------|--|
| | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | (%) |
| CO ₂ emissions including net CO ₂ from LULUCF | 85.36 | 82.38 | 79.15 | -24.86 |
| CO ₂ emissions excluding net CO ₂ from LULUCF | 85.40 | 82.41 | 79.19 | -24.85 |
| CH ₄ emissions including CH ₄ from LULUCF | 0.57 | 0.55 | 0.55 | -16.64 |
| CH ₄ emissions excluding CH ₄ from LULUCF | 0.57 | 0.55 | 0.55 | -16.64 |
| N ₂ O emissions including N ₂ O from LULUCF | 2.93 | 2.75 | 2.74 | 54.71 |
| N ₂ O emissions excluding N ₂ O from LULUCF | 2.91 | 2.73 | 2.72 | 55.54 |
| HFCs | 2.40 | 2.21 | 2.79 | 100.00 |
| PFCs | 0.02 | IE, NA, NO | IE, NA, NO | 0.00 |
| SF ₆ | 0.08 | 0.08 | 0.08 | -48.84 |
| Total (including LULUCF) | 91.36 | 87.97 | 85.31 | -20.96 |
| Total (excluding LULUCF) | 91.38 | 87.99 | 85.33 | -20.95 |

| <i>GREENHOUSE GAS SOURCE AND SINK CATEGORIES</i> | 2009 | 2010 | 2011 | Change from base to latest reported year |
|--|-----------------------------|-----------------------------|-----------------------------|--|
| | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | <i>kt CO₂ eq</i> | (%) |
| 1. Energy | 87.60 | 84.41 | 81.26 | -24.07 |
| 2. Industrial Processes | 2.50 | 2.30 | 2.87 | 1,683.58 |
| 3. Solvent and Other Product Use | 0.06 | 0.03 | 0.04 | 664.37 |
| 4. Agriculture | NA, NO | NA, NO | NA, NO | 0.00 |
| 5. Land Use, Land-Use Change and Forestry ^b | -0.02 | -0.02 | -0.02 | 62.19 |
| 6. Waste | 1.23 | 1.25 | 1.16 | 53.67 |
| 7. Other | NA | NA | NA | 0.00 |
| Total (including LULUCF) | 91.36 | 87.97 | 85.31 | -20.96 |

Notes :

(1) Further detailed information could be found in the common reporting format tables of the Party's greenhouse gas inventory, namely "Emission trends (CO₂)", "Emission trends (CH₄)", "Emission trends (N₂O)" and "Emission trends (HFCs, PFCs and SF₆)", which is included in an annex to this biennial report.

(2) 2011 is the latest reported inventory year.

(3) 1 kt CO₂ eq equals 1 Gg CO₂ 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 CO₂, CH₄ and N₂O from LULUCF.

Custom Footnotes

Emission trends (CO₂)
(Sheet 1 of 3)

CRF: MCO_CRF__v1.1

| GREENHOUSE GAS SOURCE AND SINK CATEGORIES | Base year ^a | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 |
|--|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | kt | kt | kt | kt | kt | kt | kt | kt | kt |
| 1. Energy | 105.37 | 106.29 | 112.86 | 112.82 | 114.74 | 111.81 | 116.05 | 116.25 | 114.03 |
| A. Fuel Combustion (Sectoral Approach) | 105.37 | 106.29 | 112.86 | 112.82 | 114.74 | 111.81 | 116.05 | 116.25 | 114.03 |
| 1. Energy Industries | 27.32 | 26.83 | 29.55 | 32.31 | 35.03 | 34.92 | 37.51 | 42.06 | 39.57 |
| 2. Manufacturing Industries and Construction | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 3. Transport | 32.84 | 37.55 | 43.06 | 40.28 | 41.56 | 40.13 | 39.94 | 37.99 | 36.65 |
| 4. Other Sectors | 45.21 | 41.91 | 40.25 | 40.24 | 38.15 | 36.75 | 38.61 | 36.20 | 37.80 |
| 5. Other | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| B. Fugitive Emissions from Fuels | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 1. Solid Fuels | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 2. Oil and Natural Gas | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 2. Industrial Processes | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| A. Mineral Products | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| B. Chemical Industry | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| C. Metal Production | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| D. Other Production | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| E. Production of Halocarbons and SF6 | | | | | | | | | |
| F. Consumption of Halocarbons and SF6 | | | | | | | | | |
| G. Other | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 3. Solvent and Other Product Use | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.03 | 0.05 | 0.03 | 0.04 |
| 4. Agriculture | | | | | | | | | |
| A. Enteric Fermentation | | | | | | | | | |
| B. Manure Management | | | | | | | | | |
| C. Rice Cultivation | | | | | | | | | |
| D. Agricultural Soils | | | | | | | | | |
| E. Prescribed Burning of Savannas | | | | | | | | | |
| F. Field Burning of Agricultural Residues | | | | | | | | | |
| G. Other | | | | | | | | | |
| 5. Land Use, Land-Use Change and Forestry | -0.03 | -0.03 | -0.03 | -0.04 | -0.04 | -0.04 | -0.04 | -0.04 | -0.04 |
| A. Forest Land | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| B. Cropland | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| C. Grassland | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| D. Wetlands | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| E. Settlements | -0.03 | -0.03 | -0.03 | -0.04 | -0.04 | -0.04 | -0.04 | -0.04 | -0.04 |
| F. Other Land | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| G. Other | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| 6. Waste | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| A. Solid Waste Disposal on Land | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| B. Waste-water Handling | | | | | | | | | |
| C. Waste Incineration | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| D. Other | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 7. Other (as specified in the summary table in CRF) | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Total CO2 emissions including net CO2 from LULUCF | 105.34 | 106.26 | 112.84 | 112.79 | 114.72 | 111.81 | 116.06 | 116.24 | 114.03 |
| Total CO2 emissions excluding net CO2 from LULUCF | 105.38 | 106.29 | 112.87 | 112.83 | 114.76 | 111.84 | 116.10 | 116.28 | 114.07 |
| Memo Items: | | | | | | | | | |
| International Bunkers | 6.69 | 7.99 | 7.72 | 6.89 | 7.01 | 6.94 | 6.62 | 8.31 | 8.34 |
| Aviation | 2.45 | 2.50 | 2.63 | 2.57 | 2.67 | 2.76 | 2.79 | 2.96 | 3.33 |
| Marine | 4.25 | 5.49 | 5.09 | 4.32 | 4.34 | 4.18 | 3.84 | 5.35 | 5.02 |
| Multilateral Operations | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| CO2 Emissions from Biomass | 0.77 | 0.78 | 0.80 | 0.87 | 0.93 | 0.97 | 1.03 | 1.09 | 1.08 |

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

Table 1 (a)
Emission trends (CO₂)
 (Sheet 2 of 3)

MCO_BR1_v1.0

CRF: MCO_CRF__ v1.1

| GREENHOUSE GAS SOURCE AND SINK CATEGORIES | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | kt | kt | kt | kt | kt | kt | kt | kt | kt | kt |
| 1. Energy | 114.77 | 112.77 | 113.84 | 111.77 | 106.47 | 99.97 | 98.59 | 89.28 | 92.06 | 90.00 |
| A. Fuel Combustion (Sectoral Approach) | 114.77 | 112.77 | 113.84 | 111.77 | 106.47 | 99.97 | 98.59 | 89.28 | 92.06 | 90.00 |
| 1. Energy Industries | 40.03 | 41.29 | 43.74 | 39.14 | 32.51 | 28.90 | 28.96 | 22.32 | 29.57 | 27.73 |
| 2. Manufacturing Industries and Construction | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 3. Transport | 37.15 | 35.30 | 35.50 | 35.33 | 34.98 | 34.14 | 32.62 | 32.46 | 33.02 | 31.46 |
| 4. Other Sectors | 37.59 | 36.18 | 34.61 | 37.31 | 38.98 | 36.92 | 37.01 | 34.50 | 29.47 | 30.81 |
| 5. Other | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| B. Fugitive Emissions from Fuels | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 1. Solid Fuels | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 2. Oil and Natural Gas | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 2. Industrial Processes | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| A. Mineral Products | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| B. Chemical Industry | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| C. Metal Production | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| D. Other Production | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| E. Production of Halocarbons and SF6 | | | | | | | | | | |
| F. Consumption of Halocarbons and SF6 | | | | | | | | | | |
| G. Other | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 3. Solvent and Other Product Use | 0.04 | 0.03 | 0.04 | 0.04 | 0.05 | 0.06 | 0.12 | 0.05 | 0.07 | 0.07 |
| 4. Agriculture | | | | | | | | | | |
| A. Enteric Fermentation | | | | | | | | | | |
| B. Manure Management | | | | | | | | | | |
| C. Rice Cultivation | | | | | | | | | | |
| D. Agricultural Soils | | | | | | | | | | |
| E. Prescribed Burning of Savannas | | | | | | | | | | |
| F. Field Burning of Agricultural Residues | | | | | | | | | | |
| G. Other | | | | | | | | | | |
| 5. Land Use, Land-Use Change and Forestry | -0.04 | -0.04 | -0.04 | -0.04 | -0.04 | -0.04 | -0.04 | -0.04 | -0.04 | -0.04 |
| A. Forest Land | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| B. Cropland | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| C. Grassland | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| D. Wetlands | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| E. Settlements | -0.04 | -0.04 | -0.04 | -0.04 | -0.04 | -0.04 | -0.04 | -0.04 | -0.04 | -0.04 |
| F. Other Land | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| G. Other | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| 6. Waste | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| A. Solid Waste Disposal on Land | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| B. Waste-water Handling | | | | | | | | | | |
| C. Waste Incineration | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| D. Other | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 7. Other (as specified in the summary table in CRF) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Total CO2 emissions including net CO2 from LULUCF | 114.77 | 112.77 | 113.84 | 111.78 | 106.49 | 100.00 | 98.67 | 89.29 | 92.09 | 90.03 |
| Total CO2 emissions excluding net CO2 from LULUCF | 114.81 | 112.81 | 113.88 | 111.82 | 106.52 | 100.03 | 98.71 | 89.32 | 92.13 | 90.07 |
| Memo Items: | | | | | | | | | | |
| International Bunkers | 10.61 | 14.01 | 17.50 | 15.01 | 17.04 | 18.49 | 18.72 | 18.54 | 21.23 | 22.66 |
| Aviation | 3.52 | 4.07 | 3.76 | 3.46 | 3.46 | 3.11 | 3.36 | 3.56 | 3.91 | 3.32 |
| Marine | 7.09 | 9.94 | 13.74 | 11.56 | 13.58 | 15.38 | 15.36 | 14.98 | 17.32 | 19.34 |
| Multilateral Operations | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| CO2 Emissions from Biomass | 1.08 | 1.07 | 1.06 | 1.20 | 1.04 | 1.06 | 1.08 | 1.26 | 2.35 | 3.75 |

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

Table 1(a)

MCO_BR1_v1.0

Emission trends (CO₂)
(Sheet 3 of 3)

CRF: MCO_CRF__ v1.1

| GREENHOUSE GAS SOURCE AND SINK CATEGORIES | 2009 | 2010 | 2011 | Change from base to latest reported year |
|--|--------|--------|--------|--|
| | kt | kt | kt | % |
| 1. Energy | 85.34 | 82.38 | 79.15 | -24.89 |
| A. Fuel Combustion (Sectoral Approach) | 85.34 | 82.38 | 79.15 | -24.89 |
| 1. Energy Industries | 25.61 | 24.77 | 26.86 | -1.67 |
| 2. Manufacturing Industries and Construction | NA, NO | NA, NO | NA, NO | 0.00 |
| 3. Transport | 28.80 | 25.14 | 25.56 | -22.17 |
| 4. Other Sectors | 30.93 | 32.48 | 26.72 | -40.89 |
| 5. Other | NA, NO | NA, NO | NA, NO | 0.00 |
| B. Fugitive Emissions from Fuels | NA, NO | NA, NO | NA, NO | 0.00 |
| 1. Solid Fuels | NA, NO | NA, NO | NA, NO | 0.00 |
| 2. Oil and Natural Gas | NA, NO | NA, NO | NA, NO | 0.00 |
| 2. Industrial Processes | 0.00 | 0.00 | 0.00 | -78.63 |
| A. Mineral Products | 0.00 | 0.00 | 0.00 | -78.63 |
| B. Chemical Industry | NO | NO | NO | 0.00 |
| C. Metal Production | NA, NO | NA, NO | NA, NO | 0.00 |
| D. Other Production | NO | NO | NO | 0.00 |
| E. Production of Halocarbons and SF6 | | | | |
| F. Consumption of Halocarbons and SF6 | | | | |
| G. Other | NA | NA | NA | 0.00 |
| 3. Solvent and Other Product Use | 0.06 | 0.03 | 0.04 | 664.37 |
| 4. Agriculture | | | | |
| A. Enteric Fermentation | | | | |
| B. Manure Management | | | | |
| C. Rice Cultivation | | | | |
| D. Agricultural Soils | | | | |
| E. Prescribed Burning of Savannas | | | | |
| F. Field Burning of Agricultural Residues | | | | |
| G. Other | | | | |
| 5. Land Use, Land-Use Change and Forestry | -0.04 | -0.04 | -0.04 | 13.96 |
| A. Forest Land | NO | NO | NO | 0.00 |
| B. Cropland | NO | NO | NO | 0.00 |
| C. Grassland | NO | NO | NO | 0.00 |
| D. Wetlands | NO | NO | NO | 0.00 |
| E. Settlements | -0.04 | -0.04 | -0.04 | 13.96 |
| F. Other Land | NO | NO | NO | 0.00 |
| G. Other | NO | NO | NO | 0.00 |
| 6. Waste | NA, NO | NA, NO | NA, NO | 0.00 |
| A. Solid Waste Disposal on Land | NA, NO | NA, NO | NA, NO | 0.00 |
| B. Waste-water Handling | | | | |
| C. Waste Incineration | NA | NA | NA | 0.00 |
| D. Other | NA | NA | NA | 0.00 |
| 7. Other (as specified in the summary table in CRF) | NA | NA | NA | 0.00 |
| Total CO2 emissions including net CO2 from LULUCF | 85.36 | 82.38 | 79.15 | -24.86 |
| Total CO2 emissions excluding net CO2 from LULUCF | 85.40 | 82.41 | 79.19 | -24.85 |
| Memo Items: | | | | |
| International Bunkers | 23.99 | 25.11 | 24.08 | 259.70 |
| Aviation | 2.62 | 2.69 | 2.96 | 21.05 |
| Marine | 21.37 | 22.41 | 21.11 | 397.18 |
| Multilateral Operations | NO | NO | NO | 0.00 |
| CO2 Emissions from Biomass | 4.02 | 4.03 | 4.15 | 441.77 |

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

Emission trends (CH₄)

(Sheet 1 of 3)

CRF: MCO_CRF__ v1.1

| GREENHOUSE GAS SOURCE AND SINK CATEGORIES | Base year ^a | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 |
|--|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | kt | kt | kt | kt | kt | kt | kt | kt | kt |
| 1. Energy | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| A. Fuel Combustion (Sectoral Approach) | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| 1. Energy Industries | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 2. Manufacturing Industries and Construction | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 3. Transport | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 4. Other Sectors | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5. Other | NA, NO | NA, NO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| B. Fugitive Emissions from Fuels | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1. Solid Fuels | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 2. Oil and Natural Gas | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2. Industrial Processes | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| A. Mineral Products | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| B. Chemical Industry | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| C. Metal Production | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| D. Other Production | | | | | | | | | |
| E. Production of Halocarbons and SF6 | | | | | | | | | |
| F. Consumption of Halocarbons and SF6 | | | | | | | | | |
| G. Other | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 3. Solvent and Other Product Use | | | | | | | | | |
| 4. Agriculture | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| A. Enteric Fermentation | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| B. Manure Management | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| C. Rice Cultivation | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| D. Agricultural Soils | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| E. Prescribed Burning of Savannas | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| F. Field Burning of Agricultural Residues | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| G. Other | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 5. Land Use, Land-Use Change and Forestry | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO |
| A. Forest Land | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| B. Cropland | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| C. Grassland | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| D. Wetlands | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| E. Settlements | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO |
| F. Other Land | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| G. Other | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| 6. Waste | NA, NO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| A. Solid Waste Disposal on Land | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| B. Waste-water Handling | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| C. Waste Incineration | NA, NO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| D. Other | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 7. Other (as specified in the summary table in CRF) | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Total CH4 emissions including CH4 from LULUCF | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| Total CH4 emissions excluding CH4 from LULUCF | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| Memo Items: | | | | | | | | | |
| International Bunkers | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Aviation | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Marine | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Multilateral Operations | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| CO2 Emissions from Biomass | | | | | | | | | |

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

Emission trends (CH₄)

(Sheet 2 of 3)

CRF: MCO_CRF__ v1.1

| GREENHOUSE GAS SOURCE AND SINK CATEGORIES | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | kt | kt | kt | kt | kt | kt | kt | kt | kt | kt |
| 1. Energy | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 |
| A. Fuel Combustion (Sectoral Approach) | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 |
| 1. Energy Industries | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 |
| 2. Manufacturing Industries and Construction | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 3. Transport | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 4. Other Sectors | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5. Other | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| B. Fugitive Emissions from Fuels | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1. Solid Fuels | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 2. Oil and Natural Gas | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2. Industrial Processes | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| A. Mineral Products | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| B. Chemical Industry | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| C. Metal Production | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| D. Other Production | | | | | | | | | | |
| E. Production of Halocarbons and SF6 | | | | | | | | | | |
| F. Consumption of Halocarbons and SF6 | | | | | | | | | | |
| G. Other | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 3. Solvent and Other Product Use | | | | | | | | | | |
| 4. Agriculture | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| A. Enteric Fermentation | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| B. Manure Management | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| C. Rice Cultivation | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| D. Agricultural Soils | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| E. Prescribed Burning of Savannas | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| F. Field Burning of Agricultural Residues | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| G. Other | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 5. Land Use, Land-Use Change and Forestry | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO |
| A. Forest Land | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| B. Cropland | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| C. Grassland | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| D. Wetlands | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| E. Settlements | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO | NE, NO |
| F. Other Land | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| G. Other | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| 6. Waste | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| A. Solid Waste Disposal on Land | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| B. Waste-water Handling | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| C. Waste Incineration | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| D. Other | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 7. Other (as specified in the summary table in CRF) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Total CH4 emissions including CH4 from LULUCF | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| Total CH4 emissions excluding CH4 from LULUCF | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| Memo Items: | | | | | | | | | | |
| International Bunkers | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Aviation | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Marine | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Multilateral Operations | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| CO2 Emissions from Biomass | | | | | | | | | | |

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

Emission trends (CH₄)

(Sheet 3 of 3)

CRF: MCO_CRF__ v1.1

| GREENHOUSE GAS SOURCE AND SINK CATEGORIES | 2009 | 2010 | 2011 | Change from base to latest reported year |
|--|--------|--------|--------|---|
| | kt | kt | kt | % |
| 1. Energy | 0.02 | 0.02 | 0.02 | -23.41 |
| A. Fuel Combustion (Sectoral Approach) | 0.02 | 0.02 | 0.02 | -24.10 |
| 1. Energy Industries | 0.01 | 0.01 | 0.02 | 4.70 |
| 2. Manufacturing Industries and Construction | NA, NO | NA, NO | NA, NO | 0.00 |
| 3. Transport | 0.01 | 0.00 | 0.01 | -52.06 |
| 4. Other Sectors | 0.00 | 0.00 | 0.00 | -45.36 |
| 5. Other | 0.00 | 0.00 | 0.00 | 100.00 |
| B. Fugitive Emissions from Fuels | 0.00 | 0.00 | 0.00 | 21.70 |
| 1. Solid Fuels | NA, NO | NA, NO | NA, NO | 0.00 |
| 2. Oil and Natural Gas | 0.00 | 0.00 | 0.00 | 21.70 |
| 2. Industrial Processes | NA, NO | NA, NO | NA, NO | 0.00 |
| A. Mineral Products | NO | NO | NO | 0.00 |
| B. Chemical Industry | NO | NO | NO | 0.00 |
| C. Metal Production | NA, NO | NA, NO | NA, NO | 0.00 |
| D. Other Production | | | | |
| E. Production of Halocarbons and SF6 | | | | |
| F. Consumption of Halocarbons and SF6 | | | | |
| G. Other | NA | NA | NA | 0.00 |
| 3. Solvent and Other Product Use | | | | |
| 4. Agriculture | NA, NO | NA, NO | NA, NO | 0.00 |
| A. Enteric Fermentation | NA, NO | NA, NO | NA, NO | 0.00 |
| B. Manure Management | NA, NO | NA, NO | NA, NO | 0.00 |
| C. Rice Cultivation | NA, NO | NA, NO | NA, NO | 0.00 |
| D. Agricultural Soils | NA, NO | NA, NO | NA, NO | 0.00 |
| E. Prescribed Burning of Savannas | NO | NO | NO | 0.00 |
| F. Field Burning of Agricultural Residues | NA, NO | NA, NO | NA, NO | 0.00 |
| G. Other | NA | NA | NA | 0.00 |
| 5. Land Use, Land-Use Change and Forestry | NE, NO | NE, NO | NE, NO | 0.00 |
| A. Forest Land | NO | NO | NO | 0.00 |
| B. Cropland | NO | NO | NO | 0.00 |
| C. Grassland | NO | NO | NO | 0.00 |
| D. Wetlands | NO | NO | NO | 0.00 |
| E. Settlements | NE, NO | NE, NO | NE, NO | 0.00 |
| F. Other Land | NO | NO | NO | 0.00 |
| G. Other | NO | NO | NO | 0.00 |
| 6. Waste | 0.00 | 0.00 | 0.00 | 100.00 |
| A. Solid Waste Disposal on Land | NA, NO | NA, NO | NA, NO | 0.00 |
| B. Waste-water Handling | NA, NO | NA, NO | NA, NO | 0.00 |
| C. Waste Incineration | 0.00 | 0.00 | 0.00 | 100.00 |
| D. Other | NA | NA | NA | 0.00 |
| 7. Other (as specified in the summary table in CRF) | NA | NA | NA | 0.00 |
| Total CH₄ emissions including CH₄ from LULUCF | 0.03 | 0.03 | 0.03 | -16.64 |
| Total CH₄ emissions excluding CH₄ from LULUCF | 0.03 | 0.03 | 0.03 | -16.64 |
| Memo Items: | | | | |
| International Bunkers | 0.00 | 0.00 | 0.00 | 260.73 |
| Aviation | 0.00 | 0.00 | 0.00 | 21.05 |
| Marine | 0.00 | 0.00 | 0.00 | 268.32 |
| Multilateral Operations | NO | NO | NO | 0.00 |
| CO₂ Emissions from Biomass | | | | |

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

^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

Emission trends (N₂O)
(Sheet 1 of 3)

CRF: MCO_CRF__v1.1

| GREENHOUSE GAS SOURCE AND SINK CATEGORIES | Base year ^a | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 |
|--|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | kt | kt | kt | kt | kt | kt | kt | kt | kt |
| 1. Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| A. Fuel Combustion (Sectoral Approach) | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 1. Energy Industries | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2. Manufacturing Industries and Construction | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 3. Transport | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4. Other Sectors | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5. Other | NA, NO | NA, NO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| B. Fugitive Emissions from Fuels | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 1. Solid Fuels | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 2. Oil and Natural Gas | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 2. Industrial Processes | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| A. Mineral Products | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| B. Chemical Industry | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| C. Metal Production | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| D. Other Production | | | | | | | | | |
| E. Production of Halocarbons and SF6 | | | | | | | | | |
| F. Consumption of Halocarbons and SF6 | | | | | | | | | |
| G. Other | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 3. Solvent and Other Product Use | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| 4. Agriculture | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| A. Enteric Fermentation | | | | | | | | | |
| B. Manure Management | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| C. Rice Cultivation | | | | | | | | | |
| D. Agricultural Soils | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| E. Prescribed Burning of Savannas | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| F. Field Burning of Agricultural Residues | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| G. Other | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 5. Land Use, Land-Use Change and Forestry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| A. Forest Land | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| B. Cropland | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| C. Grassland | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| D. Wetlands | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| E. Settlements | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| F. Other Land | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| G. Other | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| 6. Waste | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| A. Solid Waste Disposal on Land | | | | | | | | | |
| B. Waste-water Handling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| C. Waste Incineration | NA, NO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| D. Other | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 7. Other (as specified in the summary table in CRF) | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Total N2O emissions including N2O from LULUCF | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Total N2O emissions excluding N2O from LULUCF | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Memo Items: | | | | | | | | | |
| International Bunkers | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Aviation | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Marine | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Multilateral Operations | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| CO2 Emissions from Biomass | | | | | | | | | |

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

Emission trends (N₂O)

(Sheet 2 of 3)

CRF: MCO_CRF__ v1.1

| GREENHOUSE GAS SOURCE AND SINK CATEGORIES | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | kt | kt | kt | kt | kt | kt | kt | kt | kt | kt |
| 1. Energy | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| A. Fuel Combustion (Sectoral Approach) | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 1. Energy Industries | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2. Manufacturing Industries and Construction | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 3. Transport | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4. Other Sectors | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5. Other | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| B. Fugitive Emissions from Fuels | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 1. Solid Fuels | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 2. Oil and Natural Gas | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| 2. Industrial Processes | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| A. Mineral Products | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| B. Chemical Industry | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| C. Metal Production | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| D. Other Production | | | | | | | | | | |
| E. Production of Halocarbons and SF6 | | | | | | | | | | |
| F. Consumption of Halocarbons and SF6 | | | | | | | | | | |
| G. Other | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 3. Solvent and Other Product Use | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| 4. Agriculture | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| A. Enteric Fermentation | | | | | | | | | | |
| B. Manure Management | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| C. Rice Cultivation | | | | | | | | | | |
| D. Agricultural Soils | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| E. Prescribed Burning of Savannas | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| F. Field Burning of Agricultural Residues | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| G. Other | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 5. Land Use, Land-Use Change and Forestry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| A. Forest Land | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| B. Cropland | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| C. Grassland | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| D. Wetlands | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| E. Settlements | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| F. Other Land | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| G. Other | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| 6. Waste | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| A. Solid Waste Disposal on Land | | | | | | | | | | |
| B. Waste-water Handling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| C. Waste Incineration | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| D. Other | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 7. Other (as specified in the summary table in CRF) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Total N2O emissions including N2O from LULUCF | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Total N2O emissions excluding N2O from LULUCF | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Memo Items: | | | | | | | | | | |
| International Bunkers | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Aviation | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Marine | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Multilateral Operations | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| CO2 Emissions from Biomass | | | | | | | | | | |

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

Emission trends (N₂O)

(Sheet 3 of 3)

CRF: MCO_CRF__ v1.1

| GREENHOUSE GAS SOURCE AND SINK CATEGORIES | 2009 | 2010 | 2011 | Change from base to latest reported year |
|--|--------|--------|--------|---|
| | kt | kt | kt | % |
| 1. Energy | 0.01 | 0.00 | 0.01 | 61.40 |
| A. Fuel Combustion (Sectoral Approach) | 0.01 | 0.00 | 0.01 | 61.40 |
| 1. Energy Industries | 0.00 | 0.00 | 0.00 | 4.35 |
| 2. Manufacturing Industries and Construction | NA, NO | NA, NO | NA, NO | 0.00 |
| 3. Transport | 0.00 | 0.00 | 0.00 | 209.45 |
| 4. Other Sectors | 0.00 | 0.00 | 0.00 | -51.82 |
| 5. Other | 0.00 | 0.00 | 0.00 | 100.00 |
| B. Fugitive Emissions from Fuels | NA, NO | NA, NO | NA, NO | 0.00 |
| 1. Solid Fuels | NA, NO | NA, NO | NA, NO | 0.00 |
| 2. Oil and Natural Gas | NA, NO | NA, NO | NA, NO | 0.00 |
| 2. Industrial Processes | NA, NO | NA, NO | NA, NO | 0.00 |
| A. Mineral Products | NO | NO | NO | 0.00 |
| B. Chemical Industry | NO | NO | NO | 0.00 |
| C. Metal Production | NA | NA | NA | 0.00 |
| D. Other Production | | | | |
| E. Production of Halocarbons and SF6 | | | | |
| F. Consumption of Halocarbons and SF6 | | | | |
| G. Other | NA | NA | NA | 0.00 |
| 3. Solvent and Other Product Use | NE | NE | NE | 0.00 |
| 4. Agriculture | NA, NO | NA, NO | NA, NO | 0.00 |
| A. Enteric Fermentation | | | | |
| B. Manure Management | NO | NO | NO | 0.00 |
| C. Rice Cultivation | | | | |
| D. Agricultural Soils | NA, NO | NA, NO | NA, NO | 0.00 |
| E. Prescribed Burning of Savannas | NO | NO | NO | 0.00 |
| F. Field Burning of Agricultural Residues | NA, NO | NA, NO | NA, NO | 0.00 |
| G. Other | NA | NA | NA | 0.00 |
| 5. Land Use, Land-Use Change and Forestry | 0.00 | 0.00 | 0.00 | -15.29 |
| A. Forest Land | NO | NO | NO | 0.00 |
| B. Cropland | NO | NO | NO | 0.00 |
| C. Grassland | NO | NO | NO | 0.00 |
| D. Wetlands | NO | NO | NO | 0.00 |
| E. Settlements | 0.00 | 0.00 | 0.00 | -15.29 |
| F. Other Land | NO | NO | NO | 0.00 |
| G. Other | NO | NO | NO | 0.00 |
| 6. Waste | 0.00 | 0.00 | 0.00 | 47.80 |
| A. Solid Waste Disposal on Land | | | | |
| B. Waste-water Handling | 0.00 | 0.00 | 0.00 | 13.12 |
| C. Waste Incineration | 0.00 | 0.00 | 0.00 | 100.00 |
| D. Other | NA | NA | NA | 0.00 |
| 7. Other (as specified in the summary table in CRF) | NA | NA | NA | 0.00 |
| Total N2O emissions including N2O from LULUCF | 0.01 | 0.01 | 0.01 | 54.71 |
| Total N2O emissions excluding N2O from LULUCF | 0.01 | 0.01 | 0.01 | 55.54 |
| Memo Items: | | | | |
| International Bunkers | 0.00 | 0.00 | 0.00 | 276.13 |
| Aviation | 0.00 | 0.00 | 0.00 | 21.05 |
| Marine | 0.00 | 0.00 | 0.00 | 439.19 |
| Multilateral Operations | NO | NO | NO | 0.00 |
| CO2 Emissions from Biomass | | | | |

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

^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)

MCO_BR1_v1.0

Emission trends (HFCs, PFCs and SF₆)

(Sheet 1 of 3)

CRF: MCO_CRF__ v1.1

| GREENHOUSE GAS SOURCE AND SINK CATEGORIES | Base year ^a | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 |
|--|------------------------|---------------|---------------|---------------|---------------|------------|------------|------------|------------|
| | kt | kt | kt | kt | kt | kt | kt | kt | kt |
| Emissions of HFCsc - (kt CO₂ eq) | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | 0.01 | 0.19 | 0.63 | 0.21 | 0.44 |
| HFC-23 | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| HFC-32 | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NO | 0.00 | NA, NO | NA, NO |
| HFC-41 | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| HFC-43-10mee | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| HFC-125 | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | IE, NA, NO | 0.00 | IE, NA, NO | IE, NA, NO |
| HFC-134 | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| HFC-134a | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFC-152a | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| HFC-143 | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| HFC-143a | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | IE, NA, NO | IE, NA, NO | IE, NA, NO | IE, NA, NO |
| HFC-227ea | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| HFC-236fa | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| HFC-245ca | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| Unspecified mix of listed HFCsd - (kt CO ₂ eq) | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| Emissions of PFCsc - (kt CO₂ eq) | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | IE, NA, NO | IE, NA, NO | IE, NA, NO | IE, NA, NO |
| CF ₄ | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| C ₂ F ₆ | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| C 3F8 | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | IE, NA, NO | IE, NA, NO | IE, NA, NO | IE, NA, NO |
| C ₄ F ₁₀ | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| c-C ₄ F ₈ | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| C ₅ F ₁₂ | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| C ₆ F ₁₄ | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| Unspecified mix of listed PFCs(4) - (Gg CO ₂ equivalent) | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| Emissions of SF₆(3) - (Gg CO₂ equivalent) | 0.16 | 0.20 | 0.55 | 0.16 | 0.14 | 0.10 | 0.10 | 0.10 | 0.10 |
| SF ₆ | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | NA, NE, NO | 0.00 | 0.00 | 0.00 | 0.00 |

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

Table 1(d)

MCO_BR1_v1.0

Emission trends (HFCs, PFCs and SF₆)

(Sheet 2 of 3)

CRF: MCO_CRF__ v1.1

| GREENHOUSE GAS SOURCE AND SINK CATEGORIES | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|--|------------|------------|------------|--------|--------|--------|--------|--------|--------|--------|
| | kt | kt | kt | kt | kt | kt | kt | kt | kt | kt |
| Emissions of HFCsc - (kt CO₂ eq) | 0.33 | 2.80 | 0.56 | 1.14 | 1.44 | 1.99 | 2.07 | 1.31 | 3.20 | 2.85 |
| HFC-23 | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| HFC-32 | NA, NO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFC-134 | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| HFC-134a | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFC-152a | NA, NO | NA, NO | NA, NO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFC-143 | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| HFC-143a | 0.00 | 0.00 | IE, NA, NO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFC-227ea | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 |
| Unspecified mix of listed HFCsd - (kt CO ₂ eq) | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| Emissions of PFCsc - (kt CO₂ eq) | IE, NA, NO | IE, NA, NO | 0.07 | 0.06 | 0.03 | 0.04 | 0.06 | 0.07 | 0.64 | 0.02 |
| CF ₄ | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| C ₂ F ₆ | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| C ₃ F ₈ | IE, NA, NO | IE, NA, NO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| C ₄ F ₁₀ | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| c-C ₄ F ₈ | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| C ₅ F ₁₂ | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| C ₆ F ₁₄ | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO | NA, NO |
| Unspecified mix of listed PFCs(4) - (Gg 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 SF₆(3) - (Gg CO₂ equivalent) | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| SF ₆ | 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.

Emission trends (HFCs, PFCs and SF₆)

(Sheet 3 of 3)

CRF: MCO_CRF__ v1.1

| GREENHOUSE GAS SOURCE AND SINK CATEGORIES | 2009 | 2010 | 2011 | Change from base to latest reported year |
|--|--------|------------|------------|---|
| | kt | kt | kt | % |
| Emissions of HFCsc - (kt CO₂ eq) | 2.40 | 2.21 | 2.79 | 100.00 |
| HFC-23 | NA, NO | NA, NO | NA, NO | 0.00 |
| HFC-32 | 0.00 | 0.00 | 0.00 | 100.00 |
| HFC-41 | NA, NO | NA, NO | NA, NO | 0.00 |
| HFC-43-10mee | NA, NO | NA, NO | NA, NO | 0.00 |
| HFC-125 | 0.00 | 0.00 | 0.00 | 100.00 |
| HFC-134 | NA, NO | NA, NO | NA, NO | 0.00 |
| HFC-134a | 0.00 | 0.00 | 0.00 | 100.00 |
| HFC-152a | 0.00 | 0.00 | NA, NO | 0.00 |
| HFC-143 | NA, NO | NA, NO | NA, NO | 0.00 |
| HFC-143a | 0.00 | 0.00 | 0.00 | 100.00 |
| HFC-227ea | 0.00 | 0.00 | 0.00 | 100.00 |
| HFC-236fa | NA, NO | NA, NO | NA, NO | 0.00 |
| HFC-245ca | NA, NO | NA, NO | NA, NO | 0.00 |
| Unspecified mix of listed HFCsd - (kt CO ₂ eq) | NA, NO | NA, NO | 0.00 | 100.00 |
| Emissions of PFCsc - (kt CO₂ eq) | 0.02 | IE, NA, NO | IE, NA, NO | 0.00 |
| CF ₄ | NA, NO | NA, NO | NA, NO | 0.00 |
| C ₂ F ₆ | NA, NO | NA, NO | NA, NO | 0.00 |
| C ₃ F ₈ | 0.00 | IE, NA, NO | IE, NA, NO | 0.00 |
| C ₄ F ₁₀ | NA, NO | NA, NO | NA, NO | 0.00 |
| c-C ₄ F ₈ | NA, NO | NA, NO | NA, NO | 0.00 |
| C ₅ F ₁₂ | NA, NO | NA, NO | NA, NO | 0.00 |
| C ₆ F ₁₄ | NA, NO | NA, NO | NA, NO | 0.00 |
| Unspecified mix of listed PFCs(4) - (Gg CO ₂ equivalent) | NA, NO | NA, NO | NA, NO | 0.00 |
| Emissions of SF₆(3) - (Gg CO₂ equivalent) | 0.08 | 0.08 | 0.08 | -48.84 |
| SF ₆ | 0.00 | 0.00 | 0.00 | 100.00 |

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.

^cEnter 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.

^dIn 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)

MCO_BR1_v1.0

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

| | | | |
|----------------------------|----------------------------|-------|------------------------|
| <i>Party</i> | <i>Monaco</i> | | |
| Base year /base period | 1990 | | |
| Emission reduction target | % of base year/base period | 30.00 | % of 1990 ^b |
| Period for reaching target | BY-2020 | | |

^a Reporting by a developed country Party on the information specified in the common tabular format does not prejudice 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.

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

| <i>Gases covered</i> | | <i>Base year for each gas (year):</i> |
|------------------------------|-----------------------------------|---------------------------------------|
| CO ₂ | | 1990 |
| CH ₄ | | 1990 |
| N ₂ O | | 1990 |
| HFCs | | 1995 |
| PFCs | | 1995 |
| SF ₆ | | 1995 |
| NF ₃ | | 2000 |
| Other Gases (specify) | | |
| Sectors covered ^b | Energy | Yes |
| | Transport ^f | Yes |
| | Industrial processes ^g | Yes |
| | Agriculture | Yes |
| | LULUCF | Yes |
| | 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 prejudice 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.

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

| <i>Gases</i> | <i>GWP values^b</i> |
|-----------------------|-------------------------------|
| CO ₂ | 4nd AR |
| CH ₄ | 4nd AR |
| N ₂ O | 4nd AR |
| HFCs | 4nd AR |
| PFCs | 4nd AR |
| SF ₆ | 4nd AR |
| NF ₃ | 4nd 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 prejudice 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.

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 | Land-based approach |

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.

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

| <i>Market-based mechanisms under the Convention</i> | <i>Possible scale of contributions (estimated kt CO₂ eq)</i> |
|---|---|
| CERs | NE |
| ERUs | NE |
| AAUs ⁱ | NO |
| Carry-over units ^j | NE |
| 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 prejudice 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.

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

| <i>Other market-based mechanisms</i> | <i>Possible scale of contributions</i> |
|--------------------------------------|---|
| <i>(Specify)</i> | <i>(estimated kt CO₂ eq)</i> |
| | |
| | |

^a Reporting by a developed country Party on the information specified in the common tabular format does not prejudice 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 prejudice 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

MCO_BR1_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) | |
|---|--|---|---|---------------------------------|---------------------------------------|---|------------------------------|---------------------------------|--|----|
| | | | | | | | | | | |
| Mise en œuvre du Code de l'Environnement | Energy, Transport, Industry/industrial processes, Forestry/LULUCF, Waste management/waste, Cross-cutting | CH ₄ , CO ₂ , HFCs, N ₂ O, NF ₃ , PFCs, SF ₆ | Ce texte doit constituer la Loi-cadre permettant l'application des futures réglementations en matière d'environnement | Regulatory | Planned | La Loi portant Code de l'Environnement est en cours d'examen par le Conseil National préalablement à son vote. | | | | NE |
| Labellisation du Plan Énergie Climat - European Energy Award | Energy, Transport, Industry/industrial processes, Forestry/LULUCF, Waste management/waste, Cross-cutting | CH ₄ , CO ₂ , HFCs, N ₂ O, NF ₃ , PFCs, SF ₆ | La démarche constitue un outil de pilotage du plan énergie climat fixant des objectifs et la mise en oeuvre d'un plan d'action pour 4 ans pour les atteindres. | Voluntary Agreement | Implemented | Instrument de contrôle et de pilotage du plan énergie Climat | 2013 | | | NE |
| Contrat d'objectif pour une sécurisation de l'alimentation électrique de la région Provence Alpes Côte d'Azur | Energy, Transport | CH ₄ , CO ₂ , N ₂ O | Sécurisation énergétique de l'approvisionnement de l'électricité pour la région Provence Alpes Côte d'Azur | Voluntary Agreement | Implemented | Engagement volontaire avec des entités territoriales françaises en matière de maîtrise de la demande en énergie pour la sécurisation énergétique de la région est PACA. | 2011 | | | NE |
| Intégration de clause de développement durable dans le contrat de distribution de l'énergie | Energy | CH ₄ , CO ₂ , N ₂ O | Connaissance des consommations et des usages de l'énergie, comptage, évolution de la tarification de l'énergie, Fonds de développement durable, maîtrise de la demande en énergie, développement des énergies renouvelables et contribution à la sécurité d'approvisionnement, offres de diagnostics MDE-ENR, rachat de l'électricité d'origine renouvelable produite sur le territoire de la Principauté | Regulatory | Implemented | Mise en œuvre de l'annexe 1 "Développement Durable" du contrat de concession pour la distribution d'énergie: | 2010 | | | NE |

Table 3

MCO_BR1_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) | |
|---|---------------------------------|--|--|---------------------------------|---------------------------------------|---|------------------------------|---------------------------------|--|-------|
| | | | | | | | | | | |
| Écoresponsabilité de l'Administration | Energy, Transport | CH ₄ , CO ₂ , N ₂ O | Diminution des impacts environnementaux et climatique des activités de l'Etat | Voluntary Agreement | Implemented | Démarche écoresponsable de l'Administration | 2008 | | | NE |
| Optimisation des tonnages de déchets incinérés | Energy | CH ₄ , CO ₂ , N ₂ O | Limiter les émissions de GES lié a la valorisation énergétique des dechets | Voluntary Agreement | Implemented | Limiter la quantité de déchets incinérés a 50 000 Tonnes /ans | 2010 | | | 12.00 |
| Renforcement de la centrale de production de chaud et de froid de Fontvieille et extension du réseau de distribution urbain | Energy | CH ₄ , CO ₂ , N ₂ O | Développer et améliorer la production locale d'énergie | Other (planification) | Implemented | Renforcer la production de chaud et de froid par l'ajout de pompe à chaleur sur eau de mer et extension du réseau de distribution sur les quartiers des délaissées SNCF. le projet initié en 2011 sera finalisé en 2020 par la connexion du nouvel hôpital | 2011 | | | NE |
| Requalification de l'usine de valorisation énergétique des déchets. | Energy | CH ₄ , CO ₂ , N ₂ O | Limiter les émissions de GES lié a la valorisation énergétique des dechets | Other (planification) | Planned | Requalifier l'usine de valorisation énergétique des déchets avec un maximum de 45000 tonnes de déchets par an. Cette capacité d'incinération, revue à la baisse, permet d'assurer un plafond d'émissions de GES à environ 25000 tonnes EqCO ₂ annuel (sur la base du facteur d'émission actuel). | 2017 | | | 1.50 |
| Développement de l'Énergie Solaire photovoltaïque | Energy | CH ₄ , CO ₂ , N ₂ O | Développer les énergies renouvelable | Economic | Implemented | Mettre en oeuvre la mesure de rachat de l'Énergie solaire photovoltaïque | 2014 | | | NE |
| Déconstruction et Reconstruction d'installation stationnaire fortement émettrice | Energy | CH ₄ , CO ₂ , N ₂ O | Reconstruction a échéance 2020 de deux bâtiments consommateur d'énergie fossile (Fuel et Gaz) par des bâtiment connecté au réseau chaud et froid de Fontvieille. | Other (Planification) | Planned | Reconstruction du centre hospitalier Princesse Grace de Monaco et du Collège Charles III | 2020 | | | IE |
| Réglementation thermique RT 2005 | Energy | CH ₄ , CO ₂ , N ₂ O | Limiter les consommations énergétique des bâtiments. | Regulatory | Implemented | Fixer les contraintes en termes de performance énergétique à respecter par les bâtiments neufs et les rénovations lourdes. Arrêté Ministériel n° 2012-596 du 10 octobre 2012 relatif aux caractéristiques thermiques des nouveaux bâtiments ... | 2012 | | | NE |
| Subvention pour l'installation des systèmes solaires thermique | Energy | CH ₄ , CO ₂ , N ₂ O | Développer les énergies renouvelables | Economic | Implemented | Subvention accordée aux propriétaires pour l'installation d'un système thermique solaire - Détermination des montants et des modalités d'attribution de la subvention et de son paiement (Avis publié au Journal de Monaco n° 8060 du 16/03/2012). | 2008 | | | NE |
| Subvention pour l'isolation des toitures | Energy | CH ₄ , CO ₂ , N ₂ O | Améliorer la performance énergétique des bâtiments | Economic | Implemented | Subvention accordée aux propriétaires souhaitant effectuer des travaux d'isolation thermique de toiture - Détermination des montants et des modalités d'attribution de la subvention et de son paiement (Avis publié au Journal de Monaco n° 8060 du 16/03/2012) | 2012 | | | NE |
| Marché de performance énergétique | Energy | CH ₄ , CO ₂ , N ₂ O | Rénovation énergétique de bâtiments | Economic | Implemented | Mise en oeuvre de mesure dans le cadre de la certification environnementale des parkings publics qui a permis une réduction de 30% de la facture énergétique (électricité principalement) | | | | 0.24 |

Table 3

MCO_BR1_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) | |
|--|---------------------------------|--|---|---------------------------------|---------------------------------------|---|------------------------------|---------------------------------|--|----|
| | | | | | | | | | | |
| Certification environnementale des parkings publics de la Principauté. | Energy | CH ₄ , CO ₂ , N ₂ O | Réduction de l'empreinte environnementale et énergétique du parc de Parking publics | Voluntary Agreement | Implemented | Mise en œuvre de mesure dans le cadre de la certification environnementale des parkings publics qui a permis une réduction de 30% de la facture énergétique (électricité principalement) | 2011 | | | NE |
| Achat d'électricité renouvelable | Energy | CH ₄ , CO ₂ , N ₂ O | Augmenter la part d'énergie renouvelable consommée à Monaco | Voluntary Agreement | Implemented | Garantir l'origine renouvelable de l'électricité importé à Monaco par des certificats. 9% de la consommation électrique de Monaco est d'origine renouvelable "certificat de garantie d'origine" | 2008 | | | NE |
| Renforcement de la desserte ferroviaire de Monaco | Energy, Transport | CH ₄ , CO ₂ , N ₂ O | Limiter les déplacements en véhicules individuels en améliorant les déplacements interurbain avec les collectivités territoriales voisines de Monaco. | Voluntary Agreement | Implemented | Achat de rame Transport Express Régional électrique | 2009 | | | NE |
| Déplacement doux - Développement du vélo et du vélo électrique | Energy, Transport | CH ₄ , CO ₂ , N ₂ O | Favoriser les déplacements doux | Voluntary Agreement | Implemented | Mise en œuvre d'un service de vélo électrique à la demande | | | | NE |
| Amélioration du centre de distribution Urbain | Energy, Transport | CH ₄ , CO ₂ , N ₂ O | Optimiser les déplacements de poids lourds pour la logistique en marchandise | Other (planification) | Implemented | Renforcement du centre de distribution de marchandise (logistique urbaine) | 2020 | | | NE |
| Mesures relatives à l'aviation nationale | Energy, Transport | CH ₄ , CO ₂ , N ₂ O | Diminuer les émissions liées au secteur du transport aérien | Voluntary Agreement | Implemented | Mettre en œuvre les mesures de la CEAC pour diminuer l'impact carbone des émissions du secteur des transports aérien. | 2010 | | | NE |
| | | | | | | | | | | |

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

Reporting on progress^{a, b}

| <i>Year^c</i> | <i>Total emissions excluding LULUCF</i> | <i>Contribution from LULUCF^d</i> | <i>Quantity of units from market based mechanisms under the Convention</i> | | <i>Quantity of units from other market based mechanisms</i> | |
|-------------------------|---|---|--|-------------------------------|---|-------------------------------|
| | <i>(kt CO₂ eq)</i> | <i>(kt CO₂ eq)</i> | <i>(number of units)</i> | <i>(kt CO₂ eq)</i> | <i>(number of units)</i> | <i>(kt CO₂ eq)</i> |
| (1990) | 107.94 | -0.01 | NO | | NO | |
| 2010 | 87.99 | -0.02 | NO | | NO | |
| 2011 | 85.33 | -0.02 | | | | |
| 2012 | NE | NE | | | | |

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 prejudice 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

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 2011^{a,b}

| | <i>Net GHG emissions/removals from LULUCF categories^c</i> | <i>Base year/period or reference level value^d</i> | <i>Contribution from LULUCF for reported year</i> | <i>Cumulative contribution from LULUCF^e</i> | <i>Accounting approach^f</i> |
|--------------------------------------|--|--|---|--|--|
| | <i>(kt CO₂ eq)</i> | | | | |
| Total LULUCF | | | | | Land-based approach |
| A. Forest land | | | | | Land-based approach |
| 1. Forest land remaining forest land | | | | | Land-based approach |
| 2. Land converted to forest land | | | | | Land-based approach |
| 3. Other ^g | | | | | Land-based approach |
| B. Cropland | | | | | Land-based approach |
| 1. Cropland remaining cropland | | | | | Land-based approach |
| 2. Land converted to cropland | | | | | Land-based approach |
| 3. Other ^g | | | | | Land-based approach |
| C. Grassland | | | | | Land-based approach |
| 1. Grassland remaining grassland | | | | | Land-based approach |
| 2. Land converted to grassland | | | | | Land-based approach |
| 3. Other ^g | | | | | Land-based approach |
| D. Wetlands | | | | | Land-based approach |
| 1. Wetland remaining wetland | | | | | Land-based approach |
| 2. Land converted to wetland | | | | | Land-based approach |
| 3. Other ^g | | | | | Land-based approach |
| E. Settlements | | | | | Land-based approach |
| 1. Settlements remaining settlements | | | | | Land-based approach |
| 2. Land converted to settlements | | | | | Land-based approach |
| 3. Other ^g | | | | | Land-based approach |
| F. Other land | | | | | Land-based approach |
| 1. Other land remaining other land | | | | | Land-based approach |
| 2. Land converted to other land | | | | | Land-based approach |
| 3. Other ^g | | | | | Land-based approach |
| Harvested wood products | | | | | Land-based approach |

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 prejudice 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

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 2012^{a, b}

| | <i>Net GHG emissions/removals from LULUCF categories^c</i> | <i>Base year/period or reference level value^d</i> | <i>Contribution from LULUCF for reported year</i> | <i>Cumulative contribution from LULUCF^e</i> | <i>Accounting approach^f</i> |
|--------------------------------------|--|--|---|--|--|
| | <i>(kt CO₂ eq)</i> | | | | |
| Total LULUCF | | | | | Land-based approach |
| A. Forest land | | | | | Land-based approach |
| 1. Forest land remaining forest land | | | | | Land-based approach |
| 2. Land converted to forest land | | | | | Land-based approach |
| 3. Other ^g | | | | | Land-based approach |
| B. Cropland | | | | | Land-based approach |
| 1. Cropland remaining cropland | | | | | Land-based approach |
| 2. Land converted to cropland | | | | | Land-based approach |
| 3. Other ^g | | | | | Land-based approach |
| C. Grassland | | | | | Land-based approach |
| 1. Grassland remaining grassland | | | | | Land-based approach |
| 2. Land converted to grassland | | | | | Land-based approach |
| 3. Other ^g | | | | | Land-based approach |
| D. Wetlands | | | | | Land-based approach |
| 1. Wetland remaining wetland | | | | | Land-based approach |
| 2. Land converted to wetland | | | | | Land-based approach |
| 3. Other ^g | | | | | Land-based approach |
| E. Settlements | | | | | Land-based approach |
| 1. Settlements remaining settlements | | | | | Land-based approach |
| 2. Land converted to settlements | | | | | Land-based approach |
| 3. Other ^g | | | | | Land-based approach |
| F. Other land | | | | | Land-based approach |
| 1. Other land remaining other land | | | | | Land-based approach |
| 2. Land converted to other land | | | | | Land-based approach |
| 3. Other ^g | | | | | Land-based approach |
| Harvested wood products | | | | | Land-based approach |

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 prejudice 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)II

MCO_BR1_v1.0
Source: MCO_CRF__ v1.1

Progress in achievement of the quantified economy-wide emission reduction targets – further information on mitigation actions relevant to the counting of emissions and removals from the land use, land-use change and forestry sector in relation to activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol^{a,b,c}

| GREENHOUSE GAS SOURCE AND SINK ACTIVITIES | Base year ^d | Net emissions/removals ^e | | | | | Accounting parameters ^h | Accounting quantity ⁱ |
|--|------------------------|-------------------------------------|------|------|------|--------------------|------------------------------------|----------------------------------|
| | | 2008 | 2009 | 2010 | 2011 | Total ^g | | |
| (kt CO ₂ eq) | | | | | | | | |
| A. Article 3.3 activities | | | | | | | | |
| A.1. Afforestation and Reforestation | | | | | | | | NA |
| A.1.1. Units of land not harvested since the beginning of the commitment period ^j | | NA | NA | NA | NA | NA | | NA |
| A.1.2. Units of land harvested since the beginning of the commitment period ^j | | | | | | | | |
| A.2. Deforestation | | NA | NA | NA | NA | NA | | NA |
| B. Article 3.4 activities | | | | | | | | |
| B.1. Forest Management (if elected) | | NA | NA | NA | NA | NA | | NA |
| 3.3 offset ^k | | | | | | | 0 | NA |
| FM cap ^l | | | | | | | 0 | NA |
| B.2. Cropland Management (if elected) | 0 | NA | NA | NA | NA | NA | 0 | 0 |
| B.3. Grazing Land Management (if elected) | 0 | NA | NA | NA | NA | NA | 0 | 0 |
| B.4. Revegetation (if elected) | 0 | NA | NA | NA | NA | NA | 0 | 0 |

Note: 1 kt CO₂ eq equals 1 Gg CO₂ eq.

Abbreviations : CRF = common reporting format, 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 prejudice 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 Developed country Parties with a quantified economy-wide emission reduction target as communicated to the secretariat and contained in document FCCC/SB/2011/INF.1/Rev.1 or any update to that document, that are Parties to the Kyoto Protocol, may use table 4(a)II for reporting of accounting quantities if LULUCF is contributing to the attainment of that target.

^c Parties can include references to the relevant parts of the national inventory report, where accounting methodologies regarding LULUCF are further described in the documentation box or in the biennial

^d Net emissions and removals in the Party's base year, as established by decision 9/CP.2.

^e All values are reported in the information table on accounting for activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, of the CRF for the relevant inventory year as reported in the current submission and are automatically entered in this table.

^f Additional columns for relevant years should be added, if applicable.

^g Cumulative net emissions and removals for all years of the commitment period reported in the current submission.

^h The values in the cells "3.3 offset" and "Forest management cap" are absolute values.

ⁱ The accounting quantity is the total quantity of units to be added to or subtracted from a Party's assigned amount for a particular activity in accordance with the provisions of Article 7, paragraph 4, of the Kyoto Protocol.

^j In accordance with paragraph 4 of the annex to decision 16/CMP.1, debits resulting from harvesting during the first commitment period following afforestation and reforestation since 1990 shall not be greater than the credits accounted for on that unit of land.

^k In accordance with paragraph 10 of the annex to decision 16/CMP.1, for the first commitment period a Party included in Annex I that incurs a net source of emissions under the provisions of Article 3 paragraph 3, may account for anthropogenic greenhouse gas emissions by sources and removals by sinks in areas under forest management under Article 3, paragraph 4, up to a level that is equal to the net source of emissions under the provisions of Article 3, paragraph 3, but not greater than 9.0 megatonnes of carbon times five, if the total anthropogenic greenhouse gas emissions by sources and removals by sinks in the managed forest since 1990 is equal to, or larger than, the net source of emissions incurred under Article 3, paragraph 3.

^l In accordance with paragraph 11 of the annex to decision 16/CMP.1, for the first commitment period of the Kyoto Protocol only, additions to and subtractions from the assigned amount of a Party resulting from Forest management under Article 3, paragraph 4, after the application of paragraph 10 of the annex to decision 16/CMP.1 and resulting from forest management project activities undertaken under Article 6, shall not exceed the value inscribed in the appendix of the annex to decision 16/CMP.1, times five.

Custom Footnotes

Documentation Box:

Reporting on progress^{a, b, c}

| <i>Units of market based mechanisms</i> | | | <i>Year</i> | |
|---|--|-------------------------------|-------------|-------------|
| | | | <i>2011</i> | <i>2012</i> |
| <i>Kyoto Protocol units^d</i> | <i>Kyoto Protocol units</i> | <i>(number of units)</i> | | |
| | | <i>(kt CO₂ eq)</i> | | |
| | <i>AAUs</i> | <i>(number of units)</i> | | |
| | | <i>(kt CO₂ eq)</i> | | |
| | <i>ERUs</i> | <i>(number of units)</i> | | |
| | | <i>(kt CO₂ eq)</i> | | |
| | <i>CERs</i> | <i>(number of units)</i> | | |
| <i>(kt CO₂ eq)</i> | | | | |
| <i>tCERs</i> | <i>(number of units)</i> | | | |
| | <i>(kt CO₂ eq)</i> | | | |
| <i>ICERs</i> | <i>(number of units)</i> | | | |
| | <i>(kt CO₂ eq)</i> | | | |
| <i>Other units^{d,e}</i> | <i>Units from market-based mechanisms under the Convention</i> | <i>(number of units)</i> | | |
| | | <i>(kt CO₂ eq)</i> | | |
| | | | | |
| | <i>Units from other market-based mechanisms</i> | <i>(number of units)</i> | | |
| | | <i>(kt CO₂ eq)</i> | | |
| | | | | |
| <i>Total</i> | | <i>(number of units)</i> | | |
| | | <i>(kt CO₂ eq)</i> | | |

Abbreviations : AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = 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 prejudice 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

MCO_BR1_v1.0

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

| <i>Key underlying assumptions</i> | | <i>Historical^b</i> | | | | | | <i>Projected</i> | | | |
|-----------------------------------|------------------|-------------------------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------|-------------|-------------|
| <i>Assumption</i> | <i>Unit</i> | <i>1990</i> | <i>1995</i> | <i>2000</i> | <i>2005</i> | <i>2010</i> | <i>2011</i> | <i>2015</i> | <i>2020</i> | <i>2025</i> | <i>2030</i> |
| <i>Population</i> | <i>thousands</i> | 29.97 | 30.96 | 32.02 | 33.75 | 35.37 | 35.63 | 36.72 | 38.22 | 39.67 | 41.12 |
| | | | | | | | | | | | |

^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)

MCO_BR1_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) | | | | | | | | |
| | Base year (1990) | 1990 | 1995 | 2000 | 2005 | 2010 | 2011 | 2020 | 2030 |
| Sector^{d,e} | | | | | | | | | |
| Energy | 107.02 | 107.02 | 114.24 | 115.81 | 101.20 | 84.41 | 81.26 | 73.20 | 63.50 |
| Transport | IE | IE | IE | IE | IE | IE | IE | IE | IE |
| Industry/industrial processes | 0.17 | 0.17 | 0.32 | 2.93 | 2.33 | 2.33 | 2.91 | 7.55 | 7.97 |
| Agriculture | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| Forestry/LULUCF | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.02 | -0.02 | -0.02 | -0.02 |
| Waste management/waste | 0.75 | 0.75 | 1.12 | 1.18 | 1.17 | 1.25 | 1.16 | 1.28 | 1.43 |
| Other (specify) | | | | | | | | | |
| Gas | | | | | | | | | |
| CO ₂ emissions including net CO ₂ from LULUCF | 105.34 | 105.34 | 111.81 | 112.77 | 98.67 | 82.38 | 79.15 | NE | NE |
| CO ₂ emissions excluding net CO ₂ from LULUCF | 105.38 | 105.38 | 111.84 | 112.81 | 98.71 | 82.41 | 79.19 | 72.30 | 64.60 |
| CH ₄ emissions including CH ₄ from LULUCF | 0.66 | 0.66 | 0.80 | 0.81 | 0.63 | 0.55 | 0.55 | NE | NE |
| CH ₄ emissions excluding CH ₄ from LULUCF | 0.66 | 0.66 | 0.80 | 0.81 | 0.63 | 0.55 | 0.55 | 0.48 | 0.46 |
| N ₂ O emissions including N ₂ O from LULUCF | 1.77 | 1.77 | 2.77 | 3.44 | 3.17 | 2.75 | 2.74 | NE | NE |
| N ₂ O emissions excluding N ₂ O from LULUCF | 1.75 | 1.75 | 2.75 | 3.41 | 3.14 | 2.73 | 2.72 | 2.63 | 2.65 |
| HFCs | NE | NE | 0.19 | 2.80 | 2.07 | 2.21 | 2.79 | 7.36 | 7.77 |
| PFCs | | | IE | IE | 0.06 | IE | IE | IE | IE |
| SF ₆ | 0.16 | 0.16 | 0.10 | 0.10 | 0.08 | 0.08 | 0.08 | 0.19 | 0.20 |
| Other (specify) | | | | | | | | | |
| Total with LULUCF^f | 107.93 | 107.93 | 115.67 | 119.92 | 104.68 | 87.97 | 85.31 | 7.55 | 7.97 |
| Total without LULUCF | 107.95 | 107.95 | 115.68 | 119.93 | 104.69 | 87.98 | 85.33 | 82.96 | 75.68 |

Information on updated greenhouse gas projections under a ‘with measures’ scenario^a

| | <i>GHG emissions and removals^b</i> | | | | | | | GHG emission projections | |
|--|---|------|------|------|------|------|------|-------------------------------|------|
| | <i>(kt CO₂ eq)</i> | | | | | | | <i>(kt CO₂ eq)</i> | |
| | <i>Base year (1990)</i> | 1990 | 1995 | 2000 | 2005 | 2010 | 2011 | 2020 | 2030 |
| | | | | | | | | | |

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.

^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 7

MCO_BR1_v1.0

Provision of public financial support: summary information in 2011^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: | | | | | | | | | | |
| Multilateral climate change funds ^g | | | | | | | | | | |
| Other multilateral climate change funds ^h | | | | | | | | | | |
| Multilateral financial institutions, including regional development banks | | | | | | | | | | |
| Specialized United Nations bodies | | | | | | | | | | |
| Total contributions through bilateral, regional and other channels | | 256,026.00 | 76,000.00 | | | | | | | |
| Total | | 256,026.00 | 76,000.00 | | | | | | | |

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

MCO_BR1_v1.0

Provision of public financial support: summary information in 2012^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: | | | | | | | | | | |
| Multilateral climate change funds ^g | | | | | | | | | | |
| Other multilateral climate change funds ^h | | | | | | | | | | |
| Multilateral financial institutions, including regional development banks | | | | | | | | | | |
| Specialized United Nations bodies | | | | | | | | | | |
| Total contributions through bilateral, regional and other channels | | 121,340.00 | 35,200.00 | | | | | | | |
| Total | | 121,340.00 | 35,200.00 | | | | | | | |

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:

Provision of public financial support: contribution through multilateral channels in 2011^a

| <i>Donor funding</i> | <i>Total amount</i> | | | | <i>Status^b</i> | <i>Funding source^f</i> | <i>Financial instrument^f</i> | <i>Type of support^{f,8}</i> | <i>Sector^c</i> |
|---|---------------------------------|------------|-------------------------------------|------------|---------------------------|-----------------------------------|---|--------------------------------------|---------------------------|
| | <i>Core/general^d</i> | | <i>Climate-specific^e</i> | | | | | | |
| | <i>European euro - EUR</i> | <i>USD</i> | <i>European euro - EUR</i> | <i>USD</i> | | | | | |
| Total contributions through multilateral channels | | | | | | | | | |
| Multilateral climate change funds ^g | | | | | | | | | |
| 1. Global Environment Facility | | | | | | | | | |
| 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 | | | | | | | | | |
| 1. World Bank | | | | | | | | | |
| 2. International Finance Corporation | | | | | | | | | |
| 3. African Development Bank | | | | | | | | | |
| 4. Asian Development Bank | | | | | | | | | |
| 5. European Bank for Reconstruction and Development | | | | | | | | | |
| 6. Inter-American Development Bank | | | | | | | | | |
| 7. Other | | | | | | | | | |
| Specialized United Nations bodies | | | | | | | | | |
| 1. United Nations Development Programme | | | | | | | | | |
| 2. United Nations Environment Programme | | | | | | | | | |
| 3. Other | | | | | | | | | |

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.

⁸ Cross-cutting type of support refers to funding for activities which are cross-cutting across mitigation and adaptation.

Custom Footnotes

Provision of public financial support: contribution through multilateral channels in 2012^a

| <i>Donor funding</i> | <i>Total amount</i> | | | | <i>Status^b</i> | <i>Funding source^f</i> | <i>Financial instrument^f</i> | <i>Type of support^{f, g}</i> | <i>Sector^c</i> |
|---|---------------------------------|------------|-------------------------------------|------------|---------------------------|-----------------------------------|---|---------------------------------------|---------------------------|
| | <i>Core/general^d</i> | | <i>Climate-specific^e</i> | | | | | | |
| | <i>European euro - EUR</i> | <i>USD</i> | <i>European euro - EUR</i> | <i>USD</i> | | | | | |
| Total contributions through multilateral channels | | | | | | | | | |
| Multilateral climate change funds ^g | | | | | | | | | |
| 1. Global Environment Facility | | | | | | | | | |
| 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 | | | | | | | | | |
| 1. World Bank | | | | | | | | | |
| 2. International Finance Corporation | | | | | | | | | |
| 3. African Development Bank | | | | | | | | | |
| 4. Asian Development Bank | | | | | | | | | |
| 5. European Bank for Reconstruction and Development | | | | | | | | | |
| 6. Inter-American Development Bank | | | | | | | | | |
| 7. Other | | | | | | | | | |
| Specialized United Nations bodies | | | | | | | | | |
| 1. United Nations Development Programme | | | | | | | | | |
| 2. United Nations Environment Programme | | | | | | | | | |
| 3. Other | | | | | | | | | |

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

Provision of public financial support: contribution through bilateral, regional and other channels in 2011^a

| <i>Recipient country/ region/project/programme^b</i> | <i>Total amount</i> | | <i>Status^c</i> | <i>Funding source^g</i> | <i>Financial instrument^g</i> | <i>Type of support^{g,h}</i> | <i>Sector^d</i> | <i>Additional information^e</i> |
|---|-------------------------------------|------------|---------------------------|---------------------------------------|---|--|---------------------------|---|
| | <i>Climate-specific^f</i> | | | | | | | |
| | <i>European euro - EUR</i> | <i>USD</i> | | | | | | |
| Total contributions through bilateral, regional and other channels | 332,026.00 | | | | | | | |
| Mongolia / Appui à la Fédération des Eleveurs de l'Arkangai pour perpétuer l'élevage nomade | 50,000.00 | | Provided | ODA | Other (donation) | Adaptation | Other (animal husbandry) | |
| Mongolia / Suivi et accompagnement à la mise en place de serres solaires passives pour la production maraîchère dans la province de l'Arkhangai | 26,000.00 | | Provided | ODA | Other (donation) | Adaptation | Agriculture | |
| Tunisia / Changement d'échelle dans la mise en oeuvre des projets MDP dans le secteur de l'énergie et de l'industrie | 200,000.00 | | Provided | OOF | Other (donation) | Mitigation | Energy, Industry | |
| Morocco / Installation d'une station de pompage solaire dans la palmeraie de Kasbat Sidi Abdellah M'Barek dans la province de Tata | 56,026.00 | | Provided | OOF | Other (donation) | Mitigation | Agriculture | |

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)

MCO_BR1_v1.0

Provision of public financial support: contribution through bilateral, regional and other channels in 2012^a

| <i>Recipient country/ region/project/programme^b</i> | <i>Total amount</i> | | <i>Status^c</i> | <i>Funding source^g</i> | <i>Financial instrument^g</i> | <i>Type of support^{g,h}</i> | <i>Sector^d</i> | <i>Additional information^e</i> |
|---|-------------------------------------|------------|---------------------------|---------------------------------------|---|--|---------------------------|---|
| | <i>Climate-specific^f</i> | | | | | | | |
| | <i>European euro - EUR</i> | <i>USD</i> | | | | | | |
| Total contributions through bilateral, regional and other channels | 156,540.00 | | | | | | | |
| Mongolia / Appui à la Fédération des Eleveurs de l'Arkangai pour perpétuer l'élevage nomade | 28,000.00 | | Provided | ODA | Other (donation) | Adaptation | Other (animal husbandry) | |
| Mongolia / Suivi et accompagnement à la mise en place de serres solaires passives pour la production maraîchère dans la province de l'Arkhangai | 7,200.00 | | Provided | ODA | Other (donation) | Adaptation | Agriculture | |
| Tunisia / Changement d'échelle dans la mise en oeuvre des projets MDP dans le secteur de l'énergie et de l'industrie | 97,600.00 | | Provided | OOF | Other (donation) | Mitigation | Energy, Industry | |
| Morocco / Installation d'une station de pompage solaire dans la palmeraie de Kasbat Sidi Abdellah M'Barek dans la province de Tata | 23,740.00 | | Provided | OOF | Other (donation) | Mitigation | Agriculture | |

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 8

MCO_BR1_v1.0

Provision of technology development and transfer support^{a,b}

| <i>Recipient country and/or region</i> | <i>Targeted area</i> | <i>Measures and activities related to technology transfer</i> | <i>Sector^c</i> | <i>Source of the funding for technology transfer</i> | <i>Activities undertaken by</i> | <i>Status</i> | <i>Additional information^d</i> |
|--|----------------------|---|---------------------------|--|---------------------------------|---------------|---|
| Morocco | Mitigation | Installation d'un système d'irrigation photovoltaïque | Agriculture | Public | Private | Implemented | |
| | | | | | | | |
| | | | | | | | |

^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

| <i>Recipient country/region</i> | <i>Targeted area</i> | <i>Programme or project title</i> | <i>Description of programme or project^{b,c}</i> |
|---------------------------------|----------------------|--|---|
| Tunisia | Mitigation | Changement d'échelle dans la mise en œuvre des projets MDP dans le secteur de l'énergie et de l'industrie en Tunisie | -Formations sur les aspects méthodologiques et juridiques du MDP -Actualisation sur une base annuelle du portefeuille de projets MDP -Définition d'une stratégie et d'un portefeuille de projets NAMA |
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^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