

Annex 1 – Key categories

Description of methodology used

The key category analysis has been performed according to the provisions in Chapter 7 of IPCC GPG 2000 and to those in Chapter 5 of IPCC GPG 2003.

Distinct key category analysis was conducted taking into account both the exclusion and inclusion of LULUCF and also level and trend criteria.

The key category analysis followed a Tier 1 approach.

Reference to the key categories tables in the CRF

The same key categories analysis was done both for completing the CRF tables and the relevant section of National Inventory Report.

Information on level of disaggregation

All IPCC sectors and categories, sources and sinks (as suggested in Table 7.1 of IPCC GPG 2000 and in Table 5.4.1 of IPCC GPG 2003), and gases were considered.

Tables 7A1 – 7A3 of the IPCC GPG 2000

| Tier 1 Analysis – Level Assessment, 2008, excluding LULUCF (Table 7A1 of IPCC GPG 2000) | | | | | |
|--|---|--|---|-----------------------------------|---|
| A IPCC Source Categories | B Direct Green house Gas | C Base Year Estimate (Mt CO₂ Equivalent) | D Current Year Estimate (Mt CO₂ Equivalent) | E Level Assessment | F Cumulative Total of Column E |
| Energy Industries-solid fuels | CO ₂ | 46.0 | 31.3 | 0.19 | 0.19 |
| Residential-biomass | CO ₂ | 1.9 | 14.1 | 0.09 | 0.28 |
| Road transport | CO ₂ | 4.6 | 13.9 | 0.09 | 0.37 |
| Energy Industries-gaseous fuels | CO ₂ | 42.1 | 8.7 | 0.05 | 0.42 |
| Manufacturing Industries and Constructions-gaseous fuels | CO ₂ | 16.6 | 8.4 | 0.05 | 0.47 |
| Fugitive emissions-oil and natural gas | CH ₄ | 21.8 | 7.9 | 0.05 | 0.52 |
| CH ₄ from enteric fermentation | CH ₄ | 10.6 | 5.8 | 0.04 | 0.56 |
| Direct N ₂ O emissions from agricultural soils | N ₂ O | 11.2 | 5.7 | 0.04 | 0.59 |
| CO ₂ emission from Iron and steel production | CO ₂ | 15.8 | 5.6 | 0.03 | 0.63 |
| Energy Industries-liquid fuels | CO ₂ | 17.9 | 5.6 | 0.03 | 0.66 |
| CH ₄ from solid waste disposal sites | CH ₄ | 2.3 | 5.4 | 0.03 | 0.70 |
| Residential-gaseous fuels | CO ₂ | 2.8 | 5.2 | 0.03 | 0.73 |
| Manufacturing Industries and Constructions-liquid fuels | CO ₂ | 10.2 | 5.1 | 0.03 | 0.76 |
| Manufacturing Industries and Constructions-solid fuels | CO ₂ | 10.6 | 4.6 | 0.03 | 0.79 |
| CO ₂ emissions from Cement production | CO ₂ | 5.6 | 4.1 | 0.03 | 0.81 |
| Indirect N ₂ O emissions from agricultural soils | N ₂ O | 7.5 | 3.6 | 0.02 | 0.83 |
| Fugitive emissions-solid fuels | CH ₄ | 6.4 | 2.7 | 0.02 | 0.85 |
| CO ₂ emissions from Lime production | CO ₂ | 3.8 | 2.7 | 0.02 | 0.87 |
| N ₂ O emission from Nitric acid production | N ₂ O | 5.5 | 2.5 | 0.02 | 0.88 |
| CH ₄ from manure management | CH ₄ | 4.3 | 1.9 | 0.01 | 0.90 |
| CO ₂ emission from Ammonia production | CO ₂ | 5.0 | 1.9 | 0.01 | 0.91 |
| Commercial/Institutional-gaseous fuels | CO ₂ | 0.3 | 1.9 | 0.01 | 0.92 |
| Agricultural soils : animal production | N ₂ O | 3.0 | 1.7 | 0.01 | 0.93 |
| N ₂ O from manure management | N ₂ O | 3.2 | 1.6 | 0.01 | 0.94 |
| Commercial/Institutional-liquid fuels | CO ₂ | 0.5 | 1.1 | < 0.01 | 0.95 |
| Residential-biomass | CH ₄ | 0.1 | 0.9 | < 0.01 | 0.95 |
| CH ₄ from waste water handling | CH ₄ | 0.4 | 0.9 | < 0.01 | 0.96 |
| Manufacturing Industries and Constructions-biomass | CO ₂ | 0.1 | 0.9 | < 0.01 | 0.96 |
| Residential-liquid fuels | CO ₂ | 0.6 | 0.8 | < 0.01 | 0.97 |
| CO ₂ emission from Limestone and dolomite use | CO ₂ | 1.7 | 0.7 | < 0.01 | 0.97 |
| PFC emission from Aluminium production | PFC | 3.3 | 0.6 | < 0.01 | 0.98 |

| Tier 1 Analysis – Level Assessment, 2008, excluding LULUCF (Table 7A1 of IPCC GPG 2000) | | | | | |
|--|---|--|---|-----------------------------------|---|
| A IPCC Source Categories | B Direct Green house Gas | C Base Year Estimate (Mt CO₂ Equivalent) | D Current Year Estimate (Mt CO₂ Equivalent) | E Level Assessment | F Cumulative Total of Column E |
| Commercial/Institutional-biomass | CO ₂ | 0.4 | 0.6 | < 0.01 | 0.98 |
| Railways | CO ₂ | 0.9 | 0.5 | < 0.01 | 0.98 |
| Agriculture/Forestry/Fisheries-liquid fuels | CO ₂ | 3.6 | 0.5 | < 0.01 | 0.99 |
| CO ₂ emission from Aluminium production | CO ₂ | 0.4 | 0.4 | < 0.01 | 0.99 |
| N ₂ O from waste water handling | N ₂ O | 0.2 | 0.3 | < 0.01 | 0.99 |
| Residential-solid fuels | CO ₂ | 1.7 | 0.2 | < 0.01 | 0.99 |
| Residential-biomass | N ₂ O | 0.0 | 0.2 | < 0.01 | 0.99 |
| Energy Industries-solid fuels | N ₂ O | 0.2 | 0.1 | < 0.01 | 0.99 |
| CO ₂ emission from Solvent and other product use | CO ₂ | 0.6 | 0.1 | < 0.01 | 0.99 |
| Energy Industries-biomass | CO ₂ | 0.1 | 0.1 | < 0.01 | 0.99 |
| Agriculture/Forestry/Fisheries-gaseous fuels | CO ₂ | 0.1 | 0.1 | < 0.01 | 1.00 |
| Navigation | CO ₂ | 0.3 | 0.1 | < 0.01 | 1.00 |
| CO ₂ emission from Soda ash production and use | CO ₂ | 0.1 | 0.1 | < 0.01 | 1.00 |
| Other transports-pipeline | CO ₂ | 0.0 | 0.1 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-biomass | CO ₂ | 0.1 | 0.1 | < 0.01 | 1.00 |
| Road transport | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| CO ₂ from waste incineration | CO ₂ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Emission from Consumption of halocarbons | HFC, PFC, SF ₆ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Road transport | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Commercial/Institutional-biomass | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| CO ₂ emission from Mineral products - other | CO ₂ | 0.1 | 0.0 | < 0.01 | 1.00 |
| CO ₂ emission from Ferroalloys production | CO ₂ | 0.5 | 0.0 | < 0.01 | 1.00 |
| Manufacturing Industries and Constructions-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| CH ₄ from rice production | CH ₄ | 0.1 | 0.0 | < 0.01 | 1.00 |
| Energy Industries-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Manufacturing Industries and Constructions-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Residential-solid fuels | CH ₄ | 0.1 | 0.0 | < 0.01 | 1.00 |

| Tier 1 Analysis – Level Assessment, 2008, excluding LULUCF (Table 7A1 of IPCC GPG 2000) | | | | | |
|--|---|--|---|-----------------------------------|---|
| A IPCC Source Categories | B Direct Greenh ouse Gas | C Base Year Estimate (Mt CO₂ Equivalent) | D Current Year Estimate (Mt CO₂ Equivalent) | E Level Assessment | F Cumulative Total of Column E |
| Manufacturing Industries and Constructions-solid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Manufacturing Industries and Constructions-biomass | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| CH ₄ emission from Chemical industry-other | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Residential-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Commercial/Institutional-biomass | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Energy Industries-solid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Manufacturing Industries and Constructions-solid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Manufacturing Industries and Constructions-biomass | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Energy Industries-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Energy Industries-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Manufacturing Industries and Constructions-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Commercial/Institutional-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-biomass | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Energy Industries-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Commercial/Institutional-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Manufacturing Industries and Constructions-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Residential-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Commercial/Institutional-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Residential-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Residential-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Commercial/Institutional-solid fuels | CO ₂ | 0.4 | 0.0 | < 0.01 | 1.00 |
| Civil Aviation | CO ₂ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Energy Industries-biomass | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Railways | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Commercial/Institutional-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Residential-solid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Energy Industries-biomass | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |

| Tier 1 Analysis – Level Assessment, 2008, excluding LULUCF (Table 7A1 of IPCC GPG 2000) | | | | | |
|--|---|--|---|-----------------------------------|---|
| A IPCC Source Categories | B Direct Green house Gas | C Base Year Estimate (Mt CO₂ Equivalent) | D Current Year Estimate (Mt CO₂ Equivalent) | E Level Assessment | F Cumulative Total of Column E |
| Railways | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-biomass | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Navigation | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Navigation | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-solid fuels | CO ₂ | 0.1 | 0.0 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Civil Aviation | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Commercial/Institutional-solid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-solid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Commercial/Institutional-solid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-solid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Civil Aviation | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| CH ₄ from field burning of agricultural residues | CH ₄ | 0.1 | 0.0 | < 0.01 | 1.00 |
| CO ₂ emission from Carbide production | CO ₂ | 0.2 | 0.0 | < 0.01 | 1.00 |
| N ₂ O emission from Adipic acid production | N ₂ O | 0.7 | 0.0 | < 0.01 | 1.00 |
| N ₂ O from field burning of agricultural residues | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| | | | | | |
| TOTAL | | 277.4 | 161.7 | 1.00 | |

Tier 1 Analysis – Trend Assessment, 2008, excluding LULUCF (Table 7A2 of IPCC GPG 2000)

| A IPCC Source Categories | B Direct Green house Gas | C Base Year Estimate (Mt CO₂ Equivalent) | D Current Year Estimate (Mt CO₂ Equivalent) | E Trend Assessment | F % Contribution to trend | G Cumulative Total of Column F |
|---|---|--|---|-------------------------------------|--|---|
| Energy Industries-gaseous fuels | CO ₂ | 42.1 | 8.7 | 0.17 | 17.96 | 0.18 |
| Residential-biomass | CO ₂ | 1.9 | 14.1 | 0.14 | 14.74 | 0.33 |
| Road transport | CO ₂ | 4.6 | 13.9 | 0.12 | 12.75 | 0.45 |
| Energy Industries-liquid fuels | CO ₂ | 17.9 | 5.6 | 0.05 | 5.45 | 0.51 |
| Fugitive emissions-oil and natural gas | CH ₄ | 21.8 | 7.9 | 0.05 | 5.41 | 0.56 |
| Energy Industries-solid fuels | CO ₂ | 46.0 | 31.3 | 0.05 | 5.04 | 0.61 |
| CH ₄ from solid waste disposal sites | CH ₄ | 2.3 | 5.4 | 0.04 | 4.55 | 0.66 |
| CO ₂ emission from Iron and steel production | CO ₂ | 15.8 | 5.6 | 0.04 | 4.08 | 0.70 |
| Residential-gaseous fuels | CO ₂ | 2.8 | 5.2 | 0.04 | 3.99 | 0.74 |
| Commercial/Institutional-gaseous fuels | CO ₂ | 0.3 | 1.9 | 0.02 | 1.95 | 0.76 |
| Agriculture/Forestry/Fisheries-liquid fuels | CO ₂ | 3.6 | 0.5 | 0.02 | 1.87 | 0.78 |
| Manufacturing Industries and Constructions-solid fuels | CO ₂ | 10.6 | 4.6 | 0.02 | 1.84 | 0.80 |
| PFC emission from Aluminium production | PFC | 3.3 | 0.6 | 0.01 | 1.50 | 0.81 |
| Manufacturing Industries and Constructions-gaseous fuels | CO ₂ | 16.6 | 8.4 | 0.01 | 1.46 | 0.83 |
| Fugitive emissions-solid fuels | CH ₄ | 6.4 | 2.7 | 0.01 | 1.14 | 0.84 |
| CO ₂ emission from Ammonia production | CO ₂ | 5.0 | 1.9 | 0.01 | 1.14 | 0.85 |
| CO ₂ emissions from Cement production | CO ₂ | 5.6 | 4.1 | < 0.01 | 1.01 | 0.86 |
| Direct N ₂ O emissions from agricultural soils | N ₂ O | 11.2 | 5.7 | < 0.01 | < 1 | 0.87 |
| Residential-biomass | CH ₄ | 0.1 | 0.9 | < 0.01 | < 1 | 0.88 |
| Manufacturing Industries and Constructions-liquid fuels | CO ₂ | 10.2 | 5.1 | < 0.01 | < 1 | 0.89 |
| Indirect N ₂ O emissions from agricultural soils | N ₂ O | 7.5 | 3.6 | < 0.01 | < 1 | 0.90 |
| Residential-solid fuels | CO ₂ | 1.7 | 0.2 | < 0.01 | < 1 | 0.91 |
| Manufacturing Industries and Constructions-biomass | CO ₂ | 0.1 | 0.9 | < 0.01 | < 1 | 0.91 |
| Commercial/Institutional-liquid fuels | CO ₂ | 0.5 | 1.1 | < 0.01 | < 1 | 0.92 |
| CH ₄ from waste water handling | CH ₄ | 0.4 | 0.9 | < 0.01 | < 1 | 0.93 |
| N ₂ O emission from Nitric acid production | N ₂ O | 5.5 | 2.5 | < 0.01 | < 1 | 0.94 |
| CH ₄ from manure management | CH ₄ | 4.3 | 1.9 | < 0.01 | < 1 | 0.94 |
| Residential-liquid fuels | CO ₂ | 0.6 | 0.8 | < 0.01 | < 1 | 0.95 |
| CO ₂ emissions from Lime production | CO ₂ | 3.8 | 2.7 | < 0.01 | < 1 | 0.96 |
| CH ₄ from enteric fermentation | CH ₄ | 10.6 | 5.8 | < 0.01 | < 1 | 0.96 |
| N ₂ O emission from Adipic acid production | N ₂ O | 0.7 | 0.0 | < 0.01 | < 1 | 0.96 |
| Commercial/Institutional-biomass | CO ₂ | 0.4 | 0.6 | < 0.01 | < 1 | 0.97 |
| CO ₂ emission from Limestone and dolomite use | CO ₂ | 1.7 | 0.7 | < 0.01 | < 1 | 0.97 |
| CO ₂ emission from Ferroalloys production | CO ₂ | 0.5 | 0.0 | < 0.01 | < 1 | 0.97 |
| CO ₂ emission from Solvent and other product use | CO ₂ | 0.6 | 0.1 | < 0.01 | < 1 | 0.98 |

| Tier 1 Analysis – Trend Assessment, 2008, excluding LULUCF (Table 7A2 of IPCC GPG 2000) | | | | | | |
|--|-----------------------------------|--|---|------------------------------|-------------------------------------|--|
| A IPCC Source Categories | B Direct Greenhouse Gas | C Base Year Estimate (Mt CO ₂ Equivalent) | D Current Year Estimate (Mt CO ₂ Equivalent) | E Trend Assessment | F % Contribution to trend | G Cumulative Total of Column F |
| Commercial/Institutional-solid fuels | CO ₂ | 0.4 | 0.0 | < 0.01 | < 1 | 0.98 |
| N ₂ O from manure management | N ₂ O | 3.2 | 1.6 | < 0.01 | < 1 | 0.98 |
| N ₂ O from waste water handling | N ₂ O | 0.2 | 0.3 | < 0.01 | < 1 | 0.98 |
| CO ₂ emission from Aluminium production | CO ₂ | 0.4 | 0.4 | < 0.01 | < 1 | 0.99 |
| Residential-biomass | N ₂ O | 0.0 | 0.2 | < 0.01 | < 1 | 0.99 |
| CO ₂ emission from Carbide production | CO ₂ | 0.2 | 0.0 | < 0.01 | < 1 | 0.99 |
| Energy Industries-biomass | CO ₂ | 0.1 | 0.1 | < 0.01 | < 1 | 0.99 |
| Agriculture/Forestry/Fisheries-gaseous fuels | CO ₂ | 0.1 | 0.1 | < 0.01 | < 1 | 0.99 |
| Navigation | CO ₂ | 0.3 | 0.1 | < 0.01 | < 1 | 0.99 |
| Agriculture/Forestry/Fisheries-solid fuels | CO ₂ | 0.1 | 0.0 | < 0.01 | < 1 | 0.99 |
| CH ₄ from field burning of agricultural residues | CH ₄ | 0.1 | 0.0 | < 0.01 | < 1 | 0.99 |
| Other transports-pipeline | CO ₂ | 0.0 | 0.1 | < 0.01 | < 1 | 0.99 |
| Agricultural soils : animal production | N ₂ O | 3.0 | 1.7 | < 0.01 | < 1 | 0.99 |
| Residential-solid fuels | CH ₄ | 0.1 | 0.0 | < 0.01 | < 1 | 1.00 |
| CO ₂ emission from Mineral products - other | CO ₂ | 0.1 | 0.0 | < 0.01 | < 1 | 1.00 |
| CO ₂ from waste incineration | CO ₂ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Emission from Consumption of halocarbons | HFC, PFC, SF ₆ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Road transport | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Road transport | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Energy Industries-solid fuels | N ₂ O | 0.2 | 0.1 | < 0.01 | < 1 | 1.00 |
| N ₂ O from field burning of agricultural residues | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Commercial/Institutional-biomass | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| CH ₄ from rice production | CH ₄ | 0.1 | 0.0 | < 0.01 | < 1 | 1.00 |
| CH ₄ emission from Chemical industry-other | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Civil Aviation | CO ₂ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Energy Industries-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Manufacturing Industries and Constructions-biomass | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Energy Industries-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Manufacturing Industries and Constructions-solid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Residential-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Energy Industries-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Railways | CO ₂ | 0.9 | 0.5 | < 0.01 | < 1 | 1.00 |
| Manufacturing Industries and Constructions-biomass | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |

| Tier 1 Analysis – Trend Assessment, 2008, excluding LULUCF (Table 7A2 of IPCC GPG 2000) | | | | | | |
|--|---|--|---|--|---|---|
| A IPCC Source Categories | B Direct Green house Gas | C Base Year Estimate (Mt CO₂ Equivalent) | D Current Year Estimate (Mt CO₂ Equivalent) | E Trend Assess ment | F % Contri bution to trend | G Cumulative Total of Column F |
| Agriculture/Forestry/Fisheries-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Commercial/Institutional-biomass | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Agriculture/Forestry/Fisheries-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Agriculture/Forestry/Fisheries-solid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Energy Industries-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Manufacturing Industries and Constructions-solid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Residential-solid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Commercial/Institutional-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Manufacturing Industries and Constructions-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Commercial/Institutional-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Manufacturing Industries and Constructions-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Commercial/Institutional-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Residential-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Agriculture/Forestry/Fisheries-biomass | CO ₂ | 0.1 | 0.1 | < 0.01 | < 1 | 1.00 |
| Residential-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Energy Industries-solid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Residential-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| CO ₂ emission from Soda ash production and use | CO ₂ | 0.1 | 0.1 | < 0.01 | < 1 | 1.00 |
| Commercial/Institutional-solid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Commercial/Institutional-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Energy Industries-biomass | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Manufacturing Industries and Constructions-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Commercial/Institutional-solid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Energy Industries-biomass | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Manufacturing Industries and Constructions-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Agriculture/Forestry/Fisheries-solid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Navigation | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Agriculture/Forestry/Fisheries-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Railways | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Civil Aviation | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Agriculture/Forestry/Fisheries-biomass | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Navigation | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Railways | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Agriculture/Forestry/Fisheries-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Agriculture/Forestry/Fisheries-biomass | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Civil Aviation | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| | | | | | | |
| TOTAL | | 277.4 | 161.7 | 0.94 | 1.00 | |

| Key Category Analysis Summary, 2008, excluding LULUCF (Table 7A3 of IPCC GPG 2000) | | | | |
|---|--|---|--|-----------------------------|
| Quantitative Method Used: <input checked="" type="checkbox"/> Tier 1 <input type="checkbox"/> Tier 2 | | | | |
| A IPCC Source Categories | B Direct Greenhouse Gas | C Key Source Category Flag | D If Column C is Yes, Criteria for Identification | E Comments |
| Energy | | | | |
| Agriculture/Forestry/Fisheries-biomass | CH ₄ | No | | |
| Agriculture/Forestry/Fisheries-biomass | CO ₂ | No | | |
| Agriculture/Forestry/Fisheries-biomass | N ₂ O | No | | |
| Agriculture/Forestry/Fisheries-gaseous fuels | CH ₄ | No | | |
| Agriculture/Forestry/Fisheries-gaseous fuels | CO ₂ | No | | |
| Agriculture/Forestry/Fisheries-gaseous fuels | N ₂ O | No | | |
| Agriculture/Forestry/Fisheries-liquid fuels | CH ₄ | No | | |
| Agriculture/Forestry/Fisheries-liquid fuels | CO ₂ | Yes | Trend | |
| Agriculture/Forestry/Fisheries-liquid fuels | N ₂ O | No | | |
| Agriculture/Forestry/Fisheries-solid fuels | CH ₄ | No | | |
| Agriculture/Forestry/Fisheries-solid fuels | CO ₂ | No | | |
| Agriculture/Forestry/Fisheries-solid fuels | N ₂ O | No | | |
| Civil Aviation | CH ₄ | No | | |
| Civil Aviation | CO ₂ | No | | |
| Civil Aviation | N ₂ O | No | | |
| Commercial/Institutional-biomass | CH ₄ | No | | |
| Commercial/Institutional-biomass | CO ₂ | No | | |
| Commercial/Institutional-biomass | N ₂ O | No | | |
| Commercial/Institutional-gaseous fuels | CH ₄ | No | | |
| Commercial/Institutional-gaseous fuels | CO ₂ | Yes | Level, Trend | |
| Commercial/Institutional-gaseous fuels | N ₂ O | No | | |
| Commercial/Institutional-liquid fuels | CH ₄ | No | | |
| Commercial/Institutional-liquid fuels | CO ₂ | Yes | Level, Trend | |
| Commercial/Institutional-liquid fuels | N ₂ O | No | | |
| Commercial/Institutional-solid fuels | CH ₄ | No | | |
| Commercial/Institutional-solid fuels | CO ₂ | No | | |
| Commercial/Institutional-solid fuels | N ₂ O | No | | |
| Energy Industries-biomass | CH ₄ | No | | |
| Energy Industries-biomass | CO ₂ | No | | |
| Energy Industries-biomass | N ₂ O | No | | |
| Energy Industries-gaseous fuels | CH ₄ | No | | |
| Energy Industries-gaseous fuels | CO ₂ | Yes | Level, Trend | |
| Energy Industries-gaseous fuels | N ₂ O | No | | |
| Energy Industries-liquid fuels | CH ₄ | No | | |
| Energy Industries-liquid fuels | CO ₂ | Yes | Level, Trend | |
| Energy Industries-liquid fuels | N ₂ O | No | | |
| Energy Industries-solid fuels | CH ₄ | No | | |
| Energy Industries-solid fuels | CO ₂ | Yes | Level, Trend | |
| Energy Industries-solid fuels | N ₂ O | No | | |
| Fugitive emissions-oil and natural gas | CH ₄ | Yes | Level, Trend | |
| Fugitive emissions-solid fuels | CH ₄ | Yes | Level, Trend | |

| Key Category Analysis Summary, 2008, excluding LULUCF (Table 7A3 of IPCC GPG 2000) | | | | |
|---|--|---|--|-----------------------------|
| Quantitative Method Used: <input checked="" type="checkbox"/> Tier 1 <input type="checkbox"/> Tier 2 | | | | |
| A IPCC Source Categories | B Direct Greenhouse Gas | C Key Source Category Flag | D If Column C is Yes, Criteria for Identification | E Comments |
| Energy | | | | |
| Manufacturing Industries and Constructions-biomass | CH ₄ | No | | |
| Manufacturing Industries and Constructions-biomass | CO ₂ | Yes | Trend | |
| Manufacturing Industries and Constructions-biomass | N ₂ O | No | | |
| Manufacturing Industries and Constructions-gaseous fuels | CH ₄ | No | | |
| Manufacturing Industries and Constructions-gaseous fuels | CO ₂ | Yes | Level, Trend | |
| Manufacturing Industries and Constructions-gaseous fuels | N ₂ O | No | | |
| Manufacturing Industries and Constructions-liquid fuels | CH ₄ | No | | |
| Manufacturing Industries and Constructions-liquid fuels | CO ₂ | Yes | Level, Trend | |
| Manufacturing Industries and Constructions-liquid fuels | N ₂ O | No | | |
| Manufacturing Industries and Constructions-solid fuels | CH ₄ | No | | |
| Manufacturing Industries and Constructions-solid fuels | CO ₂ | Yes | Level, Trend | |
| Manufacturing Industries and Constructions-solid fuels | N ₂ O | No | | |
| Navigation | CH ₄ | No | | |
| Navigation | CO ₂ | No | | |
| Navigation | N ₂ O | No | | |
| Other transports-pipeline | CO ₂ | No | | |
| Railways | CH ₄ | No | | |
| Railways | CO ₂ | No | | |
| Railways | N ₂ O | No | | |
| Residential-biomass | CH ₄ | Yes | Level, Trend | |
| Residential-biomass | CO ₂ | Yes | Level, Trend | |
| Residential-biomass | N ₂ O | No | | |
| Residential-gaseous fuels | CH ₄ | No | | |
| Residential-gaseous fuels | CO ₂ | Yes | Level, Trend | |
| Residential-gaseous fuels | N ₂ O | No | | |
| Residential-liquid fuels | CH ₄ | No | | |
| Residential-liquid fuels | CO ₂ | Yes | Trend | |
| Residential-liquid fuels | N ₂ O | No | | |
| Residential-solid fuels | CH ₄ | No | | |
| Residential-solid fuels | CO ₂ | Yes | Trend | |
| Residential-solid fuels | N ₂ O | No | | |
| Road transport | CH ₄ | No | | |
| Road transport | CO ₂ | Yes | Level, Trend | |
| Road transport | N ₂ O | No | | |

| Key Category Analysis Summary, 2008, excluding LULUCF (Table 7A3 of IPCC GPG 2000) | | | | |
|---|---|---|--|-----------------------------|
| Quantitative Method Used: <input checked="" type="checkbox"/> Tier 1 <input type="checkbox"/> Tier 2 | | | | |
| A IPCC Source Categories | B Direct Green house Gas | C Key Source Category Flag | D If Column C is Yes, Criteria for Identification | E Comments |
| Industrial Processes | | | | |
| CH ₄ emission from Chemical industry-other | CH ₄ | No | | |
| CO ₂ emission from Aluminium production | CO ₂ | No | | |
| CO ₂ emission from Ammonia production | CO ₂ | Yes | Level, Trend | |
| CO ₂ emission from Carbide production | CO ₂ | No | | |
| CO ₂ emission from Ferroalloys production | CO ₂ | No | | |
| CO ₂ emission from Iron and steel production | CO ₂ | Yes | Level, Trend | |
| CO ₂ emission from Limestone and dolomite use | CO ₂ | No | | |
| CO ₂ emission from Mineral products - other | CO ₂ | No | | |
| CO ₂ emission from Soda ash production and use | CO ₂ | No | | |
| CO ₂ emissions from Cement production | CO ₂ | Yes | Level, Trend | |
| CO ₂ emissions from Lime production | CO ₂ | Yes | Level | |
| Emission from Consumption of halocarbons | PFC, HFC and SF ₆ | No | | |
| N ₂ O emission from Nitric acid production | N ₂ O | Yes | Level, Trend | |
| N ₂ O emission from Adipic acid production | N ₂ O | No | | |
| PFC emission from Aluminium production | PFC | Yes | Trend | |
| Solvents and other product use | | | | |
| CO ₂ emission from Solvent and other product use | CO ₂ | No | | |
| Agriculture | | | | |
| Agricultural soils: animal production | N ₂ O | Yes | Level | |
| CH ₄ from enteric fermentation | CH ₄ | Yes | Level | |
| CH ₄ from field burning of agricultural residues | CH ₄ | No | | |
| CH ₄ from manure management | CH ₄ | Yes | Level, Trend | |
| CH ₄ from rice production | CH ₄ | | | |
| Direct N ₂ O emissions from agricultural soils | N ₂ O | Yes | Level, Trend | |
| Indirect N ₂ O emissions from agricultural soils | N ₂ O | Yes | Level, Trend | |
| N ₂ O from field burning of agricultural residues | N ₂ O | No | | |
| N ₂ O from manure management | N ₂ O | Yes | Level | |

| Key Category Analysis Summary, 2007, excluding LULUCF (Table 7A3 of IPCC GPG 2000) | | | | |
|--|--------------------------------------|-------------------------------------|---|---------------|
| Quantitative Method Used: <input checked="" type="checkbox"/> Tier 1 <input type="checkbox"/> Tier 2 | | | | |
| A IPCC Source Categories | B Direct Green house Gas | C Key Source Category Flag | D If Column C is Yes, Criteria for Identification | E Comments |
| Waste | | | | |
| CH ₄ from solid waste disposal sites | CH ₄ | Yes | Level, Trend | |
| CH ₄ from waste water handling | CH ₄ | Yes | Trend | |
| CO ₂ from waste incineration | CO ₂ | No | | |
| N ₂ O from waste water handling | N ₂ O | No | | |

Tables 5.4.7, 5.4.8 and 5.4.5 of the IPCC GPG 2003

| Tier 1 Analysis – Level Assessment, 2008, including LULUCF (Table 5.4.7 of IPCC GPG 2003) | | | | | |
|--|---|---|--|-------------------------------------|---|
| A IPCC Source Categories | B Direct Green house Gas | C Base Year Estimate Absolute Value (Mt CO₂ Equivalent) | D Current Year Estimate Absolute Value (Mt CO₂ Equivalent) | E Level Assessment | F Cumulative Total of Column E |
| CO ₂ from Forest Land remaining Forest Land | CO ₂ | 32.4 | 36.4 | 0.18 | 0.18 |
| Energy Industries-solid fuels | CO ₂ | 46.0 | 31.3 | 0.16 | 0.34 |
| Residential-biomass | CO ₂ | 1.9 | 14.1 | 0.07 | 0.41 |
| Road transport | CO ₂ | 4.6 | 13.9 | 0.07 | 0.48 |
| Energy Industries-gaseous fuels | CO ₂ | 42.1 | 8.7 | 0.04 | 0.53 |
| Manufacturing Industries and Constructions-gaseous fuels | CO ₂ | 16.6 | 8.4 | 0.04 | 0.57 |
| Fugitive emissions-oil and natural gas | CH ₄ | 21.8 | 7.9 | 0.04 | 0.61 |
| CH ₄ from enteric fermentation | CH ₄ | 10.6 | 5.8 | 0.03 | 0.64 |
| Direct N ₂ O emissions from agricultural soils | N ₂ O | 11.2 | 5.7 | 0.03 | 0.67 |
| CO ₂ emission from Iron and steel production | CO ₂ | 15.8 | 5.6 | 0.03 | 0.70 |
| Energy Industries-liquid fuels | CO ₂ | 17.9 | 5.6 | 0.03 | 0.72 |
| CH ₄ from solid waste disposal sites | CH ₄ | 2.3 | 5.4 | 0.03 | 0.75 |
| Residential-gaseous fuels | CO ₂ | 2.8 | 5.2 | 0.03 | 0.78 |
| Manufacturing Industries and Constructions-liquid fuels | CO ₂ | 10.2 | 5.1 | 0.03 | 0.80 |
| Manufacturing Industries and Constructions-solid fuels | CO ₂ | 10.6 | 4.6 | 0.02 | 0.83 |
| CO ₂ emissions from Cement production | CO ₂ | 5.6 | 4.1 | 0.02 | 0.85 |
| Indirect N ₂ O emissions from agricultural soils | N ₂ O | 7.5 | 3.6 | 0.02 | 0.87 |
| Fugitive emissions-solid fuels | CH ₄ | 6.4 | 2.7 | 0.01 | 0.88 |
| CO ₂ emissions from Lime production | CO ₂ | 3.8 | 2.7 | 0.01 | 0.89 |
| N ₂ O emission from Nitric acid production | N ₂ O | 5.5 | 2.5 | 0.01 | 0.91 |
| CH ₄ from manure management | CH ₄ | 4.3 | 1.9 | < 0.01 | 0.91 |
| CO ₂ emission from Ammonia production | CO ₂ | 5.0 | 1.9 | < 0.01 | 0.92 |
| Commercial/Institutional-gaseous fuels | CO ₂ | 0.3 | 1.9 | < 0.01 | 0.93 |
| Agricultural soils : animal production | N ₂ O | 3.0 | 1.7 | < 0.01 | 0.94 |
| N ₂ O from manure management | N ₂ O | 3.2 | 1.6 | < 0.01 | 0.95 |
| Commercial/Institutional-liquid fuels | CO ₂ | 0.5 | 1.1 | < 0.01 | 0.96 |
| Residential-biomass | CH ₄ | 0.1 | 0.9 | < 0.01 | 0.96 |
| CH ₄ from waste water handling | CH ₄ | 0.4 | 0.9 | < 0.01 | 0.97 |
| Manufacturing Industries and Constructions-biomass | CO ₂ | 0.1 | 0.9 | < 0.01 | 0.97 |
| Residential-liquid fuels | CO ₂ | 0.6 | 0.8 | < 0.01 | 0.97 |
| CO ₂ emission from Limestone and dolomite use | CO ₂ | 1.7 | 0.7 | < 0.01 | 0.98 |
| PFC emission from Aluminium production | PFC | 3.3 | 0.6 | < 0.01 | 0.98 |
| Commercial/Institutional-biomass | CO ₂ | 0.4 | 0.6 | < 0.01 | 0.98 |
| Railways | CO ₂ | 0.9 | 0.5 | < 0.01 | 0.99 |
| Agriculture/Forestry/Fisheries-liquid fuels | CO ₂ | 3.6 | 0.5 | < 0.01 | 0.99 |

| Tier 1 Analysis – Level Assessment, 2008, including LULUCF (Table 5.4.7 of IPCC GPG 2003) | | | | | |
|--|---|---|--|-----------------------------------|---|
| A IPCC Source Categories | B Direct Green house Gas | C Base Year Estimate Absolute Value (Mt CO₂ Equivalent) | D Current Year Estimate Absolute Value (Mt CO₂ Equivalent) | E Level Assessment | F Cumulative Total of Column E |
| CO ₂ emission from Aluminium production | CO ₂ | 0.4 | 0.4 | < 0.01 | 0.99 |
| N ₂ O from waste water handling | N ₂ O | 0.2 | 0.3 | < 0.01 | 0.99 |
| Residential-solid fuels | CO ₂ | 1.7 | 0.2 | < 0.01 | 0.99 |
| Residential-biomass | N ₂ O | 0.0 | 0.2 | < 0.01 | 0.99 |
| Energy Industries-solid fuels | N ₂ O | 0.2 | 0.1 | < 0.01 | 0.99 |
| CO ₂ emission from Solvent and other product use | CO ₂ | 0.6 | 0.1 | < 0.01 | 1.00 |
| Energy Industries-biomass | CO ₂ | 0.1 | 0.1 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-gaseous fuels | CO ₂ | 0.1 | 0.1 | < 0.01 | 1.00 |
| Navigation | CO ₂ | 0.3 | 0.1 | < 0.01 | 1.00 |
| CO ₂ emission from Soda ash production and use | CO ₂ | 0.1 | 0.1 | < 0.01 | 1.00 |
| Other transports-pipeline | CO ₂ | 0.0 | 0.1 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-biomass | CO ₂ | 0.1 | 0.1 | < 0.01 | 1.00 |
| Road transport | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| CO ₂ from waste incineration | CO ₂ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Emission from Consumption of halocarbons | HFC, PFC, SF ₆ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Road transport | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Commercial/Institutional-biomass | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| CO ₂ emission from Mineral products - other | CO ₂ | 0.1 | 0.0 | < 0.01 | 1.00 |
| CO ₂ emission from Ferroalloys production | CO ₂ | 0.5 | 0.0 | < 0.01 | 1.00 |
| Manufacturing Industries and Constructions-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| CH ₄ from rice production | CH ₄ | 0.1 | 0.0 | < 0.01 | 1.00 |
| Energy Industries-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Manufacturing Industries and Constructions-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Residential-solid fuels | CH ₄ | 0.1 | 0.0 | < 0.01 | 1.00 |
| Manufacturing Industries and Constructions-solid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Manufacturing Industries and Constructions-biomass | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| CH ₄ emission from Chemical industry-other | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Residential-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Commercial/Institutional-biomass | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Energy Industries-solid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Manufacturing Industries and Constructions-solid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Manufacturing Industries and Constructions-biomass | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Energy Industries-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Energy Industries-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Manufacturing Industries and Constructions-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Commercial/Institutional-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |

| Tier 1 Analysis – Level Assessment, 2008, including LULUCF (Table 5.4.7 of IPCC GPG 2003) | | | | | |
|--|--|---|--|-------------------------------------|---|
| A IPCC Source Categories | B Direct Greenhouse Gas | C Base Year Estimate Absolute Value (Mt CO₂ Equivalent) | D Current Year Estimate Absolute Value (Mt CO₂ Equivalent) | E Level Assessment | F Cumulative Total of Column E |
| Agriculture/Forestry/Fisheries-biomass | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Energy Industries-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Commercial/Institutional-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Manufacturing Industries and Constructions-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Residential-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Commercial/Institutional-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Residential-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Residential-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| CH ₄ from Forest Land remaining Forest Land | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Commercial/Institutional-solid fuels | CO ₂ | 0.4 | 0.0 | < 0.01 | 1.00 |
| Civil Aviation | CO ₂ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Energy Industries-biomass | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Railways | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Commercial/Institutional-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Residential-solid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Energy Industries-biomass | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Railways | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-biomass | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Navigation | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| N ₂ O from Forest Land remaining Forest Land | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Navigation | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-solid fuels | CO ₂ | 0.1 | 0.0 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Civil Aviation | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Commercial/Institutional-solid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-solid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Commercial/Institutional-solid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| Agriculture/Forestry/Fisheries-solid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| Civil Aviation | CH ₄ | 0.0 | 0.0 | < 0.01 | 1.00 |
| CH ₄ from field burning of agricultural residues | CH ₄ | 0.1 | 0.0 | < 0.01 | 1.00 |
| CO ₂ emission from Carbide production | CO ₂ | 0.2 | 0.0 | < 0.01 | 1.00 |
| N ₂ O emission from Adipic acid production | N ₂ O | 0.7 | 0.0 | < 0.01 | 1.00 |
| N ₂ O from field burning of agricultural residues | N ₂ O | 0.0 | 0.0 | < 0.01 | 1.00 |
| | | | | | |
| TOTAL | | 309.8 | 198.1 | 1.00 | |

| Tier 1 Analysis – Trend Assessment, 2008, including LULUCF (Table 5.4.8 of IPCC GPG 2003) | | | | | | |
|--|---|---|--|--|---|---|
| A IPCC Source Categories | B Direct Green house Gas | C Base Year Estimate Absolute Value (Mt CO₂ Equivalent) | D Current Year Estimate Absolute Value (Mt CO₂ Equivalent) | E Trend Assess ment | F % Contri bution to trend | G Cumulative Total of Column F |
| Energy Industries-gaseous fuels | CO ₂ | 42.1 | 8.7 | 0.14 | 16.33 | 0.16 |
| CO ₂ from Forest Land remaining Forest Land | CO ₂ | 32.4 | 36.4 | 0.12 | 14.03 | 0.30 |
| Residential-biomass | CO ₂ | 1.9 | 14.1 | 0.10 | 11.56 | 0.42 |
| Road transport | CO ₂ | 4.6 | 13.9 | 0.09 | 9.85 | 0.52 |
| Fugitive emissions-oil and natural gas | CH ₄ | 21.8 | 7.9 | 0.05 | 5.38 | 0.57 |
| Energy Industries-liquid fuels | CO ₂ | 17.9 | 5.6 | 0.05 | 5.22 | 0.62 |
| CO ₂ emission from Iron and steel production | CO ₂ | 15.8 | 5.6 | 0.04 | 4.03 | 0.66 |
| CH ₄ from solid waste disposal sites | CH ₄ | 2.3 | 5.4 | 0.03 | 3.48 | 0.70 |
| Residential-gaseous fuels | CO ₂ | 2.8 | 5.2 | 0.03 | 3.01 | 0.73 |
| Manufacturing Industries and Constructions-gaseous fuels | CO ₂ | 16.6 | 8.4 | 0.02 | 2.00 | 0.75 |
| Manufacturing Industries and Constructions-solid fuels | CO ₂ | 10.6 | 4.6 | 0.02 | 1.99 | 0.77 |
| Agriculture/Forestry/Fisheries-liquid fuels | CO ₂ | 3.6 | 0.5 | 0.01 | 1.66 | 0.79 |
| Energy Industries-solid fuels | CO ₂ | 46.0 | 31.3 | 0.01 | 1.66 | 0.80 |
| Commercial/Institutional-gaseous fuels | CO ₂ | 0.3 | 1.9 | 0.01 | 1.53 | 0.82 |
| PFC emission from Aluminium production | PFC | 3.3 | 0.6 | 0.01 | 1.35 | 0.83 |
| Direct N ₂ O emissions from agricultural soils | N ₂ O | 11.2 | 5.7 | 0.01 | 1.35 | 0.84 |
| Manufacturing Industries and Constructions-liquid fuels | CO ₂ | 10.2 | 5.1 | 0.01 | 1.24 | 0.86 |
| Fugitive emissions-solid fuels | CH ₄ | 6.4 | 2.7 | 0.01 | 1.23 | 0.87 |
| CO ₂ emission from Ammonia production | CO ₂ | 5.0 | 1.9 | 0.01 | 1.15 | 0.88 |
| Indirect N ₂ O emissions from agricultural soils | N ₂ O | 7.5 | 3.6 | < 0.01 | 1.11 | 0.89 |
| CH ₄ from enteric fermentation | CH ₄ | 10.6 | 5.8 | < 0.01 | < 1 | 0.90 |
| N ₂ O emission from Nitric acid production | N ₂ O | 5.5 | 2.5 | < 0.01 | < 1 | 0.91 |
| Residential-solid fuels | CO ₂ | 1.7 | 0.2 | < 0.01 | < 1 | 0.92 |
| Residential-biomass | CH ₄ | 0.1 | 0.9 | < 0.01 | < 1 | 0.92 |
| CH ₄ from manure management | CH ₄ | 4.3 | 1.9 | < 0.01 | < 1 | 0.93 |
| Manufacturing Industries and Constructions-biomass | CO ₂ | 0.1 | 0.9 | < 0.01 | < 1 | 0.94 |
| Commercial/Institutional-liquid fuels | CO ₂ | 0.5 | 1.1 | < 0.01 | < 1 | 0.95 |
| CH ₄ from waste water handling | CH ₄ | 0.4 | 0.9 | < 0.01 | < 1 | 0.95 |
| CO ₂ emissions from Cement production | CO ₂ | 5.6 | 4.1 | < 0.01 | < 1 | 0.96 |
| Residential-liquid fuels | CO ₂ | 0.6 | 0.8 | < 0.01 | < 1 | 0.96 |
| N ₂ O emission from Adipic acid production | N ₂ O | 0.7 | 0.0 | < 0.01 | < 1 | 0.96 |
| CO ₂ emission from Limestone and dolomite use | CO ₂ | 1.7 | 0.7 | < 0.01 | < 1 | 0.97 |
| N ₂ O from manure management | N ₂ O | 3.2 | 1.6 | < 0.01 | < 1 | 0.97 |
| Commercial/Institutional-biomass | CO ₂ | 0.4 | 0.6 | < 0.01 | < 1 | 0.97 |
| CO ₂ emission from Ferroalloys production | CO ₂ | 0.5 | 0.0 | < 0.01 | < 1 | 0.98 |

| Tier 1 Analysis – Trend Assessment, 2008, including LULUCF (Table 5.4.8 of IPCC GPG 2003) | | | | | | |
|--|---|---|--|--|---|---|
| A IPCC Source Categories | B Direct Green house Gas | C Base Year Estimate Absolute Value (Mt CO₂ Equivalent) | D Current Year Estimate Absolute Value (Mt CO₂ Equivalent) | E Trend Assess ment | F % Contri bution to trend | G Cumulative Total of Column F |
| CO ₂ emission from Solvent and other product use | CO ₂ | 0.6 | 0.1 | < 0.01 | < 1 | 0.98 |
| Commercial/Institutional-solid fuels | CO ₂ | 0.4 | 0.0 | < 0.01 | < 1 | 0.98 |
| CO ₂ emissions from Lime production | CO ₂ | 3.8 | 2.7 | < 0.01 | < 1 | 0.98 |
| Agricultural soils : animal production | N ₂ O | 3.0 | 1.7 | < 0.01 | < 1 | 0.99 |
| N ₂ O from waste water handling | N ₂ O | 0.2 | 0.3 | < 0.01 | < 1 | 0.99 |
| Residential-biomass | N ₂ O | 0.0 | 0.2 | < 0.01 | < 1 | 0.99 |
| CO ₂ emission from Aluminium production | CO ₂ | 0.4 | 0.4 | < 0.01 | < 1 | 0.99 |
| CO ₂ emission from Carbide production | CO ₂ | 0.2 | 0.0 | < 0.01 | < 1 | 0.99 |
| Navigation | CO ₂ | 0.3 | 0.1 | < 0.01 | < 1 | 0.99 |
| Energy Industries-biomass | CO ₂ | 0.1 | 0.1 | < 0.01 | < 1 | 0.99 |
| Agriculture/Forestry/Fisheries-solid fuels | CO ₂ | 0.1 | 0.0 | < 0.01 | < 1 | 0.99 |
| Agriculture/Forestry/Fisheries-gaseous fuels | CO ₂ | 0.1 | 0.1 | < 0.01 | < 1 | 0.99 |
| CH ₄ from field burning of agricultural residues | CH ₄ | 0.1 | 0.0 | < 0.01 | < 1 | 0.99 |
| Other transports-pipeline | CO ₂ | 0.0 | 0.1 | < 0.01 | < 1 | 1.00 |
| Residential-solid fuels | CH ₄ | 0.1 | 0.0 | < 0.01 | < 1 | 1.00 |
| Railways | CO ₂ | 0.9 | 0.5 | < 0.01 | < 1 | 1.00 |
| CO ₂ emission from Mineral products - other | CO ₂ | 0.1 | 0.0 | < 0.01 | < 1 | 1.00 |
| CO ₂ from waste incineration | CO ₂ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Emission from Consumption of halocarbons | HFC, PFC, SF ₆ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Road transport | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Road transport | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| CH ₄ from rice production | CH ₄ | 0.1 | 0.0 | < 0.01 | < 1 | 1.00 |
| N ₂ O from field burning of agricultural residues | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Commercial/Institutional-biomass | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Energy Industries-solid fuels | N ₂ O | 0.2 | 0.1 | < 0.01 | < 1 | 1.00 |
| CH ₄ emission from Chemical industry-other | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Civil Aviation | CO ₂ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Energy Industries-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Energy Industries-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Manufacturing Industries and Constructions-biomass | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Manufacturing Industries and Constructions-solid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Agriculture/Forestry/Fisheries-biomass | CO ₂ | 0.1 | 0.1 | < 0.01 | < 1 | 1.00 |
| Energy Industries-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| CO ₂ emission from Soda ash production and use | CO ₂ | 0.1 | 0.1 | < 0.01 | < 1 | 1.00 |
| Residential-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |

| Tier 1 Analysis – Trend Assessment, 2008, including LULUCF (Table 5.4.8 of IPCC GPG 2003) | | | | | | |
|--|---|---|--|--|---|---|
| A IPCC Source Categories | B Direct Green house Gas | C Base Year Estimate Absolute Value (Mt CO₂ Equivalent) | D Current Year Estimate Absolute Value (Mt CO₂ Equivalent) | E Trend Assess ment | F % Contri bution to trend | G Cumulative Total of Column F |
| Agriculture/Forestry/Fisheries-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Manufacturing Industries and Constructions-biomass | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Agriculture/Forestry/Fisheries-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Manufacturing Industries and Constructions-solid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Agriculture/Forestry/Fisheries-solid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Energy Industries-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Manufacturing Industries and Constructions-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Residential-solid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Commercial/Institutional-biomass | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Manufacturing Industries and Constructions-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Commercial/Institutional-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Commercial/Institutional-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Commercial/Institutional-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Residential-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| CH ₄ from Forest Land remaining Forest Land | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Residential-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Manufacturing Industries and Constructions-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Residential-liquid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Commercial/Institutional-solid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Commercial/Institutional-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Energy Industries-biomass | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Energy Industries-solid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Manufacturing Industries and Constructions-liquid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Commercial/Institutional-solid fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Agriculture/Forestry/Fisheries-biomass | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Energy Industries-biomass | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Agriculture/Forestry/Fisheries-solid fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Railways | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Navigation | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| N ₂ O from Forest Land remaining Forest Land | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Railways | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Agriculture/Forestry/Fisheries-gaseous fuels | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Civil Aviation | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Navigation | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Agriculture/Forestry/Fisheries-biomass | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Agriculture/Forestry/Fisheries-gaseous fuels | N ₂ O | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| Civil Aviation | CH ₄ | 0.0 | 0.0 | < 0.01 | < 1 | 1.00 |
| | | | | | | |
| TOTAL | | 309.8 | 198.1 | 0.88 | 1.00 | |

| Key Category Analysis Summary, 2008, including LULUCF (Table 5.4.5 of IPCC GPG 2003) | | | | |
|---|--|---|--|-----------------------------|
| Quantitative Method Used: <input checked="" type="checkbox"/> Tier 1 <input type="checkbox"/> Tier 2 | | | | |
| A IPCC Source Categories | B Direct Greenhouse Gas | C Key Source Category Flag | D If Column C is Yes, Criteria for Identification | E Comments |
| Energy | | | | |
| Agriculture/Forestry/Fisheries-biomass | CH ₄ | No | | |
| Agriculture/Forestry/Fisheries-biomass | CO ₂ | No | | |
| Agriculture/Forestry/Fisheries-biomass | N ₂ O | No | | |
| Agriculture/Forestry/Fisheries-gaseous fuels | CH ₄ | No | | |
| Agriculture/Forestry/Fisheries-gaseous fuels | CO ₂ | No | | |
| Agriculture/Forestry/Fisheries-gaseous fuels | N ₂ O | No | | |
| Agriculture/Forestry/Fisheries-liquid fuels | CH ₄ | No | | |
| Agriculture/Forestry/Fisheries-liquid fuels | CO ₂ | Yes | Trend | |
| Agriculture/Forestry/Fisheries-liquid fuels | N ₂ O | No | | |
| Agriculture/Forestry/Fisheries-solid fuels | CH ₄ | No | | |
| Agriculture/Forestry/Fisheries-solid fuels | CO ₂ | No | | |
| Agriculture/Forestry/Fisheries-solid fuels | N ₂ O | No | | |
| Civil Aviation | CH ₄ | No | | |
| Civil Aviation | CO ₂ | No | | |
| Civil Aviation | N ₂ O | No | | |
| Commercial/Institutional-biomass | CH ₄ | No | | |
| Commercial/Institutional-biomass | CO ₂ | No | | |
| Commercial/Institutional-biomass | N ₂ O | No | | |
| Commercial/Institutional-gaseous fuels | CH ₄ | No | | |
| Commercial/Institutional-gaseous fuels | CO ₂ | Yes | Level, Trend | |
| Commercial/Institutional-gaseous fuels | N ₂ O | No | | |
| Commercial/Institutional-liquid fuels | CH ₄ | No | | |
| Commercial/Institutional-liquid fuels | CO ₂ | Yes | Trend | |
| Commercial/Institutional-liquid fuels | N ₂ O | No | | |
| Commercial/Institutional-solid fuels | CH ₄ | No | | |
| Commercial/Institutional-solid fuels | CO ₂ | No | | |
| Commercial/Institutional-solid fuels | N ₂ O | No | | |
| Energy Industries-biomass | CH ₄ | No | | |
| Energy Industries-biomass | CO ₂ | No | | |
| Energy Industries-biomass | N ₂ O | No | | |
| Energy Industries-gaseous fuels | CH ₄ | No | | |
| Energy Industries-gaseous fuels | CO ₂ | Yes | Level, Trend | |
| Energy Industries-gaseous fuels | N ₂ O | No | | |
| Energy Industries-liquid fuels | CH ₄ | No | | |
| Energy Industries-liquid fuels | CO ₂ | Yes | Level, Trend | |
| Energy Industries-liquid fuels | N ₂ O | No | | |
| Energy Industries-solid fuels | CH ₄ | No | | |
| Energy Industries-solid fuels | CO ₂ | Yes | Level, Trend | |

| Key Category Analysis Summary, 2008, including LULUCF (Table 5.4.5 of IPCC GPG 2003) | | | | |
|---|---|---|--|-----------------------------|
| Quantitative Method Used: <input checked="" type="checkbox"/> Tier 1 <input type="checkbox"/> Tier 2 | | | | |
| A IPCC Source Categories | B Direct Green house Gas | C Key Source Category Flag | D If Column C is Yes, Criteria for Identification | E Comments |
| Energy | | | | |
| Energy Industries-solid fuels | N ₂ O | No | | |
| Fugitive emissions-oil and natural gas | CH ₄ | Yes | Level, Trend | |
| Fugitive emissions-solid fuels | CH ₄ | Yes | Level, Trend | |
| Manufacturing Industries and Constructions-biomass | CH ₄ | No | | |
| Manufacturing Industries and Constructions-biomass | CO ₂ | Yes | Trend | |
| Manufacturing Industries and Constructions-biomass | N ₂ O | No | | |
| Manufacturing Industries and Constructions-gaseous fuels | CH ₄ | No | | |
| Manufacturing Industries and Constructions-gaseous fuels | CO ₂ | Yes | Level, Trend | |
| Manufacturing Industries and Constructions-gaseous fuels | N ₂ O | No | | |
| Manufacturing Industries and Constructions-liquid fuels | CH ₄ | No | | |
| Manufacturing Industries and Constructions-liquid fuels | CO ₂ | Yes | Level, Trend | |
| Manufacturing Industries and Constructions-liquid fuels | N ₂ O | No | | |
| Manufacturing Industries and Constructions-solid fuels | CH ₄ | No | | |
| Manufacturing Industries and Constructions-solid fuels | CO ₂ | Yes | Level, Trend | |
| Manufacturing Industries and Constructions-solid fuels | N ₂ O | No | | |
| Navigation | CH ₄ | No | | |
| Navigation | CO ₂ | No | | |
| Navigation | N ₂ O | No | | |
| Other transports-pipeline | CO ₂ | No | | |
| Railways | CH ₄ | No | | |
| Railways | CO ₂ | No | | |
| Railways | N ₂ O | No | | |
| Residential-biomass | CH ₄ | Yes | Trend | |
| Residential-biomass | CO ₂ | Yes | Level, Trend | |
| Residential-biomass | N ₂ O | No | | |
| Residential-gaseous fuels | CH ₄ | No | | |
| Residential-gaseous fuels | CO ₂ | Yes | Level, Trend | |
| Residential-gaseous fuels | N ₂ O | No | | |
| Residential-liquid fuels | CH ₄ | No | | |
| Residential-liquid fuels | CO ₂ | Yes | Level, Trend | |
| Residential-liquid fuels | N ₂ O | No | | |
| Residential-solid fuels | CH ₄ | No | | |
| Residential-solid fuels | CO ₂ | Yes | Trend | |
| Residential-solid fuels | N ₂ O | No | | |

| Key Category Analysis Summary, 2008, including LULUCF (Table 5.4.5 of IPCC GPG 2003) | | | | |
|---|---|---|--|-----------------------------|
| Quantitative Method Used: <input checked="" type="checkbox"/> Tier 1 <input type="checkbox"/> Tier 2 | | | | |
| A IPCC Source Categories | B Direct Green house Gas | C Key Source Category Flag | D If Column C is Yes, Criteria for Identification | E Comments |
| Energy | | | | |
| Road transport | CH ₄ | No | | |
| Road transport | CO ₂ | Yes | Level, Trend | |
| Road transport | N ₂ O | No | | |
| Industrial Processes | | | | |
| CH ₄ emission from Chemical industry-other | CH ₄ | No | | |
| CO ₂ emission from Aluminium production | CO ₂ | No | | |
| CO ₂ emission from Ammonia production | CO ₂ | Yes | Level, Trend | |
| CO ₂ emission from Carbide production | CO ₂ | No | | |
| CO ₂ emission from Ferroalloys production | CO ₂ | No | | |
| CO ₂ emission from Iron and steel production | CO ₂ | Yes | Level, Trend | |
| CO ₂ emission from Limestone and dolomite use | CO ₂ | No | | |
| CO ₂ emission from Mineral products - other | CO ₂ | No | | |
| CO ₂ emission from Soda ash production and use | CO ₂ | No | | |
| CO ₂ emissions from Cement production | CO ₂ | Yes | Level | |
| CO ₂ emissions from Lime production | CO ₂ | Yes | Level | |
| Emission from Consumption of halocarbons | PFC, HFC and SF ₆ | No | | |
| N ₂ O emission from Nitric acid production | N ₂ O | Yes | Level, Trend | |
| N ₂ O emission from Adipic acid production | N ₂ O | No | | |
| PFC emission from Aluminium production | PFC | Yes | Trend | |
| Solvents and other product use | | | | |
| CO ₂ emission from Solvent and other product use | CO ₂ | No | | |
| Agriculture | | | | |
| Agricultural soils: animal production | N ₂ O | Yes | Level | |
| CH ₄ from enteric fermentation | CH ₄ | Yes | Level, Trend | |
| CH ₄ from field burning of agricultural residues | CH ₄ | No | | |
| CH ₄ from manure management | CH ₄ | Yes | Level, Trend | |
| CH ₄ from rice production | CH ₄ | No | | |
| Direct N ₂ O emissions from agricultural soils | N ₂ O | Yes | Level, Trend | |
| Indirect N ₂ O emissions from agricultural soils | N ₂ O | Yes | Level, Trend | |
| N ₂ O from field burning of agricultural residues | N ₂ O | No | | |
| N ₂ O from manure management | N ₂ O | Yes | Level | |

| Key Category Analysis Summary, 2008, including LULUCF (Table 5.4.5 of IPCC GPG 2003) | | | | |
|---|---|---|--|-----------------------------|
| Quantitative Method Used: <input checked="" type="checkbox"/> Tier 1 <input type="checkbox"/> Tier 2 | | | | |
| A IPCC Source Categories | B Direct Green house Gas | C Key Source Category Flag | D If Column C is Yes, Criteria for Identification | E Comments |
| LULUCF | | | | |
| CO ₂ from Forest Land remaining Forest Land | CO ₂ | Yes | Level, Trend | |
| CH ₄ from Forest Land remaining Forest Land | CH ₄ | No | | |
| N ₂ O from Forest Land remaining Forest Land | N ₂ O | No | | |
| Waste | | | | |
| CH ₄ from solid waste disposal sites | CH ₄ | Yes | Level, Trend | |
| CH ₄ from waste water handling | CH ₄ | Yes | Trend | |
| CO ₂ from waste incineration | CO ₂ | No | | |
| N ₂ O from waste water handling | N ₂ O | No | | |

Table NIR. 3, as contained in the Annex to Decision 6/CMP. 3

Romania is currently developing the elements which characterize the activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol.