

## ***ANNEX 1***

## Annex 1: Key sources

For determination of key source categories the IPCC methodology has been used as described in the 2006 IPCC Guidelines for National GHG Inventories, Chapter 4, following Approach 1 and using disaggregation as presented in the Table 4.1.

### Level Assessment – TIER 1

The contribution of each source category to the total national inventory level is calculated according to the Equation 4.1

$$\text{Source Category Level Assessment} = | \text{Source Category Estimate} | / \text{Total Estimate} \\ L_{x,t} = | E_{x,t} | / E_t$$

Where:

**L<sub>x,t</sub>** is the Level Assessment for source x in year t

**Source Category Estimate** ( $E_{x,t}$ ) is the emission estimate of source category x in year t

**Total Estimate** ( $E_t$ ) is the total contribution, which is the sum of the absolute values of emissions and removals in year t

### Trend Assessment - TIER 1

The contribution of each source category's trend to the trend in the total inventory can be assessed if more than one year of inventory data are available, according to Equation 4.2:

$$T_{x,t} = L_{x,0} * [ \{ (E_{x,t} - E_{x,0}) / E_{x,0} \} - \{ (E_t - E_0) / E_0 \} ]$$

Where:

**T<sub>x,t</sub>** is the contribution of the source category trend to the overall inventory trend, called the Trend Assessment.

**L<sub>x,0</sub>** is the Level Assessment for source x in the base year (year 0), derived with the Equation 4.1

**E<sub>x,t</sub>** and **E<sub>x,0</sub>** are the emissions estimates of category x in years t and 0, respectively

**E<sub>t</sub>** and **E<sub>0</sub>** are the total inventory estimates in years t and 0, respectively

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Table 1: Key categories - level assessment (with LULUCF)

KC 2014	IPCC Category	Gas	abs. E in 1986 (Gg CO <sub>2</sub> eq)	abs. E in 2014 (Gg CO <sub>2</sub> eq)	L2014	Cumulative total 2014
1	4.A.1 LULUCF, Forest Land remaining Forest Land	CO <sub>2</sub>	3,797.131	6,038.230	0.244	0.244
2	1.A.1 Energy Industries, Solid Fuels	CO <sub>2</sub>	6,318.267	4,160.871	0.168	0.412
3	1.A.3.b Road Transportation, Diesel Oil	CO <sub>2</sub>	632.950	3,908.365	0.158	0.569
4	4.A.2 LULUCF, Land converted to Forest Land	CO <sub>2</sub>	398.724	1,377.597	0.056	0.625
5	1.A.3.b Road Transportation, Gasoline	CO <sub>2</sub>	1,272.478	1,330.766	0.054	0.679
6	1.A.2 Manufacturing Industries and Construction, Gaseous Fuels	CO <sub>2</sub>	1,243.984	938.879	0.038	0.716
7	1.A.4 Other Sectors, Liquid Fuels	CO <sub>2</sub>	822.812	934.363	0.038	0.754
8	3.A Agriculture, Enteric Fermentation	CH <sub>4</sub>	982.060	905.879	0.037	0.791
9	2.A.1 Industrial processes, Cement Production	CO <sub>2</sub>	514.615	418.280	0.017	0.808
10	1.A.2 Manufacturing Industries and Construction, Liquid Fuels	CO <sub>2</sub>	1,689.284	377.408	0.015	0.823
11	4.E LULUCF, Settlements	CO <sub>2</sub>	394.367	374.716	0.015	0.838
12	3.D.1 Agriculture, Direct Soil Emissions	N <sub>2</sub> O	341.265	331.936	0.013	0.851
13	5.A.1 Waste, Managed waste disposal sites	CH <sub>4</sub>	371.889	327.971	0.013	0.865
14	2.F,1 Industrial processes, Refrigeration and AC Equipment	HFC		315.599	0.013	0.877
15	1.A.4 Other Sectors, Gaseous Fuels	CO <sub>2</sub>	34.106	288.242	0.012	0.889
16	3.B Agriculture, Manure Management	CH <sub>4</sub>	342.152	242.190	0.010	0.899
17	1.A.2 Manufacturing Industries and Construction, Solid Fuels	CO <sub>2</sub>	1,467.570	236.767	0.010	0.908
18	1.B.1.a Fugitive Emissions, Coal Mining and Handling	CH <sub>4</sub>	427.458	214.940	0.009	0.917
19	1.A.1 Energy Industries, Gaseous Fuels	CO <sub>2</sub>	197.526	207.246	0.008	0.925
20	1.A.4 Other Sectors, Biomass	CH <sub>4</sub>	118.410	138.107	0.006	0.931
21	2.C.3 Industrial processes, Aluminium Production	CO <sub>2</sub>	88.822	119.412	0.005	0.936
22	4.C.2 LULUCF, Land converted to Grassland	CO <sub>2</sub>	534.427	119.029	0.005	0.940
23	4.G LULUCF, Harvested wood products	CO <sub>2</sub>	457.001	112.207	0.005	0.945
24	3.D.2 Agriculture, Indirect Emissions	N <sub>2</sub> O	119.516	110.727	0.004	0.949
25	3.B Agriculture, Manure Management	N <sub>2</sub> O	175.436	98.163	0.004	0.953

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26	4.B.2 LULUCF, Land converted to Cropland	CO2	253.089	97.624	0.004	0.957
27	5.D.1 Waste, Domestic and Commercial Waste Water	CH4	161.853	89.260	0.004	0.961
28	1.A.2 Manufacturing Industries and Construction, Other Fuels	CO2	7.494	73.342	0.003	0.964
29	1.B.1.a Fugitive Emissions, Coal Mining and Handling	CO2	120.441	58.955	0.002	0.966
30	2.A.2 Industrial processes, Lime Production	CO2	214.363	56.256	0.002	0.969
31	2.C.1 Industrial processes, Iron and Steel Production	CO2	36.645	52.794	0.002	0.971
32	1.B.1.a Fugitive Emissions, Other	CO2		50.233	0.002	0.973
33	5.D.1 Waste, Domestic and Commercial Waste Water	N2O	49.507	48.870	0.002	0.975
34	2.B.6 Industrial processes, Titanium dioxide production	CO2	17.403	46.542	0.002	0.977
35	1.A.1 Energy Industries, Liquid Fuels	CO2	296.067	44.329	0.002	0.978
36	1.A.3.b Road Transportation, Diesel Oil	N2O	7.655	43.163	0.002	0.980
37	1.A.3.c Railways, Liquid Fuels	CO2	68.926	41.037	0.002	0.982
38	1.A.3.b Road Transportation, LPG	CO2		35.073	0.001	0.983
39	4.D LULUCF, Wetlands	CO2	1.333	28.972	0.001	0.984
40	1.B.2.b Fugitive Emissions, Natural Gas	CH4	35.094	28.538	0.001	0.986
41	1.A.4 Other Sectors, Liquid Fuels	N2O	46.089	25.326	0.001	0.987
42	4.B.1 LULUCF, Cropland remaining Cropland	CO2	103.756	24.864	0.001	0.988
43	2.G.3 Industrial processes, N2O from product use	N2O	78.733	23.840	0.001	0.989
44	4.F LULUCF, Other Land	CO2	14.163	22.005	0.001	0.989
45	1.A.4 Other Sectors, Biomass	N2O	18.819	21.954	0.001	0.990
46	2.A.4 Industrial processes, Other process uses of carbonates	CO2	22.130	18.129	0.001	0.991
47	1.A.1 Energy Industries, Solid Fuels	N2O	26.191	18.103	0.001	0.992
48	2.G.1 Industrial processes, Electrical Equipment	SF6	9.770	15.521	0.001	0.992
49	2.C.3 Industrial processes, Aluminium Production	PFC	233.193	15.221	0.001	0.993
50	5.C.1 Waste, Waste Incineration	CO2	1.338	13.749	0.001	0.994
51	1.A.1 Energy Industries, Other Fuels	CO2		12.807	0.001	0.994
52	2.D.1 Industrial processes, Lubricant use	CO2	5.533	10.915	0.000	0.994
53	2.C.7 Industrial processes, Other - Anode burned off	CO2		10.442	0.000	0.995
54	3.H Agriculture, Urea application	CO2	9.087	9.424	0.000	0.995

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55	2.A.3 Industrial processes, Limestone and Dolomite Use	CO2	4.483	8.721	0.000	0.996
56	1.A.2 Manufacturing Industries and Construction, Liquid Fuels	N2O	26.305	8.688	0.000	0.996
57	5.B.1 Waste, Composting	CH4		7.039	0.000	0.996
58	2.C.5 Industrial processes, Lead production	CO2	11.124	6.573	0.000	0.997
59	5.B.1 Waste, Composting	N2O		5.035	0.000	0.997
60	1.A.3.b Road Transportation, Gasoline	CH4	20.628	5.000	0.000	0.997
61	2.F,4 Industrial processes, Aerosols	HFC		4.897	0.000	0.997
62	1.B.2.c Fugitive Emissions, Venting and Flaring	CH4	6.720	4.867	0.000	0.997
63	2.D.2 Industrial processes, Paraffin wax use	CO2	4.267	4.816	0.000	0.998
64	1.A.3.c Railways, Liquid Fuels	N2O	7.928	4.720	0.000	0.998
65	1.A.2 Manufacturing Industries and Construction, Biomass	N2O	6.006	4.481	0.000	0.998
66	4.B.2 LULUCF, Land converted to Cropland	N2O	3.311	4.002	0.000	0.998
67	1.A.3.b Road Transportation, Biomass	N2O		3.972	0.000	0.998
68	1.A.3.b Road Transportation, Gasoline	N2O	15.131	3.960	0.000	0.998
69	1.A.5 Other Mobile, Liquid Fuels	CO2	41.093	3.722	0.000	0.999
70	1.A.4 Other Sectors, Liquid Fuels	CH4	2.958	2.950	0.000	0.999
71	1.A.2 Manufacturing Industries and Construction, Biomass	CH4	3.779	2.820	0.000	0.999
72	1.A.3.b Road Transportation, CNG	CO2		2.673	0.000	0.999
73	2.C.6 Industrial processes, Zinc production	CO2	6.307	2.203	0.000	0.999
74	5.D.2 Waste, Industrial Wastewater	CH4	7.771	1.966	0.000	0.999
75	2.F,2 Industrial processes, Foam Blowing agents	HFC		1.861	0.000	0.999
76	2.D.3 Industrial processes, Other	CO2		1.821	0.000	0.999
77	1.A.1 Energy Industries, Biomass	N2O	0.189	1.791	0.000	0.999
78	1.A.3.b Other Transportation, Gaseous Fuels	CO2		1.772	0.000	0.999
79	1.A.2 Manufacturing Industries and Construction, Other Fuels	N2O	0.154	1.627	0.000	0.999
80	1.A.3.b Road Transportation, Diesel Oil	CH4	1.695	1.566	0.000	0.999
81	2.F,3 Industrial processes, Fire Protection	HFC		1.467	0.000	1.000
82	1.A.3.a Civil Aviation, Aviation Gasoline	CO2	0.609	1.465	0.000	1.000

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83	1.A.1 Energy Industries, Biomass	CH4	0.119	1.133	0.000	1.000
84	1.A.2 Manufacturing Industries and Construction, Solid Fuels	N2O	6.262	1.026	0.000	1.000
85	1.A.2 Manufacturing Industries and Construction, Other Fuels	CH4	0.097	1.024	0.000	1.000
86	1.A.1 Energy Industries, Solid Fuels	CH4	1.465	1.012	0.000	1.000
87	1.A.4 Other Sectors, Solid Fuels	CO2	1,316.380	0.865	0.000	1.000
88	3.G Agriculture, Liming	CO2	44.000	0.660	0.000	1.000
89	1.A.4 Other Sectors, Gaseous Fuels	CH4	0.077	0.652	0.000	1.000
90	1.A.2 Manufacturing Industries and Construction, Solid Fuels	CH4	3.502	0.574	0.000	1.000
91	1.A.2 Manufacturing Industries and Construction, Gaseous Fuels	N2O	0.670	0.506	0.000	1.000
92	1.A.2 Manufacturing Industries and Construction, Gaseous Fuels	CH4	0.562	0.425	0.000	1.000
93	1.A.2 Manufacturing Industries and Construction, Liquid Fuels	CH4	2.825	0.340	0.000	1.000
94	1.A.3.b Road Transportation, LPG	N2O		0.325	0.000	1.000
95	1.A.1 Energy Industries, Other Fuels	N2O		0.208	0.000	1.000
96	1.A.3.b Road Transportation, Biomass	CH4		0.160	0.000	1.000
97	1.A.4 Other Sectors, Gaseous Fuels	N2O	0.018	0.155	0.000	1.000
98	1.A.3.b Road Transportation, LPG	CH4		0.129	0.000	1.000
99	4.A.1 LULUCF, Forest Land remaining Forest Land	CH4		0.127	0.000	1.000
100	1.A.1 Energy Industries, Gaseous Fuels	N2O	0.106	0.112	0.000	1.000
101	1.A.1 Energy Industries, Liquid Fuels	N2O	0.681	0.106	0.000	1.000
102	1.A.1 Energy Industries, Gaseous Fuels	CH4	0.089	0.094	0.000	1.000
103	1.A.3.b Road Transportation, CNG	CH4		0.070	0.000	1.000
104	1.A.4 Other Sectors, Solid Fuels	CH4	58.662	0.068	0.000	1.000
105	1.A.3.c Railways, Liquid Fuels	CH4	0.097	0.057	0.000	1.000
106	1.A.1 Energy Industries, Liquid Fuels	CH4	0.286	0.044	0.000	1.000
107	1.A.1 Energy Industries, Other Fuels	CH4		0.044	0.000	1.000
108	1.B.2.b Fugitive Emissions, Natural Gas	CO2	0.044	0.040	0.000	1.000
109	1.A.5 Other Mobile, Liquid Fuels	N2O	0.343	0.031	0.000	1.000
110	4.A.1 LULUCF, Forest Land remaining Forest Land	N2O		0.019	0.000	1.000
111	1.B.2.a Fugitive Emissions, Oil	CO2	0.011	0.018	0.000	1.000

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112	1.A.3.a Civil Aviation, Aviation Gasoline	N2O	0.005	0.012	0.000	1.000
113	1.B.2.c Fugitive Emissions, Venting and Flaring	CO2	0.160	0.006	0.000	1.000
114	1.A.4 Other Sectors, Solid Fuels	N2O	5.569	0.004	0.000	1.000
115	5.C.1 Waste, Waste Incineration	N2O		0.004	0.000	1.000
116	1.A.3.b Other Transportation, Gaseous Fuels	N2O		0.001	0.000	1.000
117	1.A.3.b Other Transportation, Gaseous Fuels	CH4		0.001	0.000	1.000
118	1.A.5 Other Mobile, Liquid Fuels	CH4	0.007	0.001	0.000	1.000
119	1.A.3.a Civil Aviation, Aviation Gasoline	CH4	0.000	0.000	0.000	1.000
120	1.B.2.c Fugitive Emissions, Venting and Flaring	N2O	0.001	0.000	0.000	1.000

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Table 2: Key categories - level assessment (w/o LULUCF)

KC 2014	IPCC Category	Gas	abs. E in 1986 (Gg CO2 eq)	abs. E in 2014 (Gg CO2 eq)	L2014	Cumulative total 2014
1	1.A.1 Energy Industries, Solid Fuels	CO2	6,318.267	4,160.871	0.251	0.251
2	1.A.3.b Road Transportation, Diesel Oil	CO2	632.950	3,908.365	0.236	0.487
3	1.A.3.b Road Transportation, Gasoline	CO2	1,272.478	1,330.766	0.080	0.567
4	1.A.2 Manufacturing Industries and Construction, Gaseous Fuels	CO2	1,243.984	938.879	0.057	0.623
5	1.A.4 Other Sectors, Liquid Fuels	CO2	822.812	934.363	0.056	0.680
6	3.A Agriculture, Enteric Fermentation	CH4	982.060	905.879	0.055	0.734
7	2.A.1 Industrial processes, Cement Production	CO2	514.615	418.280	0.025	0.760
8	1.A.2 Manufacturing Industries and Construction, Liquid Fuels	CO2	1,689.284	377.408	0.023	0.782
9	3.D.1 Agriculture, Direct Soil Emissions	N2O	341.265	331.936	0.020	0.802
10	5.A.1 Waste, Managed waste disposal sites	CH4	371.889	327.971	0.020	0.822
11	2.F.1 Industrial processes, Refrigeration and AC Equipment	HFC		315.599	0.019	0.841
12	1.A.4 Other Sectors, Gaseous Fuels	CO2	34.106	288.242	0.017	0.859
13	3.B Agriculture, Manure Management	CH4	342.152	242.190	0.015	0.873
14	1.A.2 Manufacturing Industries and Construction, Solid Fuels	CO2	1,467.570	236.767	0.014	0.888
15	1.B.1.a Fugitive Emissions, Coal Mining and Handling	CH4	427.458	214.940	0.013	0.901
16	1.A.1 Energy Industries, Gaseous Fuels	CO2	197.526	207.246	0.012	0.913
17	1.A.4 Other Sectors, Biomass	CH4	118.410	138.107	0.008	0.921
18	2.C.3 Industrial processes, Aluminium Production	CO2	88.822	119.412	0.007	0.929
19	3.D.2 Agriculture, Indirect Emissions	N2O	119.516	110.727	0.007	0.935
20	3.B Agriculture, Manure Management	N2O	175.436	98.163	0.006	0.941
21	5.D.1 Waste, Domestic and Commercial Waste Water	CH4	161.853	89.260	0.005	0.947
22	1.A.2 Manufacturing Industries and Construction, Other Fuels	CO2	7.494	73.342	0.004	0.951
23	1.B.1.a Fugitive Emissions, Coal Mining and Handling	CO2	120.441	58.955	0.004	0.954
24	2.A.2 Industrial processes, Lime Production	CO2	214.363	56.256	0.003	0.958



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25	2.C.1 Industrial processes, Iron and Steel Production	CO2	36.645	52.794	0.003	0.961
26	1.B.1.a Fugitive Emissions, Other	CO2		50.233	0.003	0.964
27	5.D.1 Waste, Domestic and Commercial Waste Water	N2O	49.507	48.870	0.003	0.967
28	2.B.6 Industrial processes, Titanium dioxide production	CO2	17.403	46.542	0.003	0.970
29	1.A.1 Energy Industries, Liquid Fuels	CO2	296.067	44.329	0.003	0.973
30	1.A.3.b Road Transportation, Diesel Oil	N2O	7.655	43.163	0.003	0.975
31	1.A.3.c Railways, Liquid Fuels	CO2	68.926	41.037	0.002	0.978
32	1.A.3.b Road Transportation, LPG	CO2		35.073	0.002	0.980
33	1.B.2.b Fugitive Emissions, Natural Gas	CH4	35.094	28.538	0.002	0.981
34	1.A.4 Other Sectors, Liquid Fuels	N2O	46.089	25.326	0.002	0.983
35	2.G.3 Industrial processes, N2O from product use	N2O	78.733	23.840	0.001	0.984
36	1.A.4 Other Sectors, Biomass	N2O	18.819	21.954	0.001	0.986
37	2.A.4 Industrial processes, Other process uses of carbonates	CO2	22.130	18.129	0.001	0.987
38	1.A.1 Energy Industries, Solid Fuels	N2O	26.191	18.103	0.001	0.988
39	2.G.1 Industrial processes, Electrical Equipment	SF6	9.770	15.521	0.001	0.989
40	2.C.3 Industrial processes, Aluminium Production	PFC	233.193	15.221	0.001	0.990
41	5.C.1 Waste, Waste Incineration	CO2	1.338	13.749	0.001	0.991
42	1.A.1 Energy Industries, Other Fuels	CO2		12.807	0.001	0.991
43	2.D.1 Industrial processes, Lubricant use	CO2	5.533	10.915	0.001	0.992
44	2.C.7 Industrial processes, Other - Anode burned off	CO2		10.442	0.001	0.993
45	3.H Agriculture, Urea application	CO2	9.087	9.424	0.001	0.993
46	2.A.3 Industrial processes, Limestone and Dolomite Use	CO2	4.483	8.721	0.001	0.994
47	1.A.2 Manufacturing Industries and Construction, Liquid Fuels	N2O	26.305	8.688	0.001	0.994
48	5.B.1 Waste, Composting	CH4		7.039	0.000	0.995
49	2.C.5 Industrial processes, Lead production	CO2	11.124	6.573	0.000	0.995
50	5.B.1 Waste, Composting	N2O		5.035	0.000	0.995
51	1.A.3.b Road Transportation, Gasoline	CH4	20.628	5.000	0.000	0.996
52	2.F.4 Industrial processes, Aerosols	HFC		4.897	0.000	0.996
53	1.B.2.c Fugitive Emissions, Venting and Flaring	CH4	6.720	4.867	0.000	0.996

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54	2.D.2 Industrial processes, Paraffin wax use	CO2	4.267	4.816	0.000	0.997
55	1.A.3.c Railways, Liquid Fuels	N2O	7.928	4.720	0.000	0.997
56	1.A.2 Manufacturing Industries and Construction, Biomass	N2O	6.006	4.481	0.000	0.997
57	1.A.3.b Road Transportation, Biomass	N2O		3.972	0.000	0.997
58	1.A.3.b Road Transportation, Gasoline	N2O	15.131	3.960	0.000	0.998
59	1.A.5 Other Mobile, Liquid Fuels	CO2	41.093	3.722	0.000	0.998
60	1.A.4 Other Sectors, Liquid Fuels	CH4	2.958	2.950	0.000	0.998
61	1.A.2 Manufacturing Industries and Construction, Biomass	CH4	3.779	2.820	0.000	0.998
62	1.A.3.b Road Transportation, CNG	CO2		2.673	0.000	0.998
63	2.C.6 Industrial processes, Zinc production	CO2	6.307	2.203	0.000	0.998
64	5.D.2 Waste, Industrial Wastewater	CH4	7.771	1.966	0.000	0.999
65	2.F.2 Industrial processes, Foam Blowing agents	HFC		1.861	0.000	0.999
66	2.D.3 Industrial processes, Other	CO2		1.821	0.000	0.999
67	1.A.1 Energy Industries, Biomass	N2O	0.189	1.791	0.000	0.999
68	1.A.3.b Other Transportation, Gaseous Fuels	CO2		1.772	0.000	0.999
69	1.A.2 Manufacturing Industries and Construction, Other Fuels	N2O	0.154	1.627	0.000	0.999
70	1.A.3.b Road Transportation, Diesel Oil	CH4	1.695	1.566	0.000	0.999
71	2.F.3 Industrial processes, Fire Protection	HFC		1.467	0.000	0.999
72	1.A.3.a Civil Aviation, Aviation Gasoline	CO2	0.609	1.465	0.000	0.999
73	1.A.1 Energy Industries, Biomass	CH4	0.119	1.133	0.000	0.999
74	1.A.2 Manufacturing Industries and Construction, Solid Fuels	N2O	6.262	1.026	0.000	1.000
75	1.A.2 Manufacturing Industries and Construction, Other Fuels	CH4	0.097	1.024	0.000	1.000
76	1.A.1 Energy Industries, Solid Fuels	CH4	1.465	1.012	0.000	1.000
77	1.A.4 Other Sectors, Solid Fuels	CO2	1316.380	0.865	0.000	1.000
78	3.G Agriculture, Liming	CO2	44.000	0.660	0.000	1.000
79	1.A.4 Other Sectors, Gaseous Fuels	CH4	0.077	0.652	0.000	1.000
80	1.A.2 Manufacturing Industries and Construction, Solid Fuels	CH4	3.502	0.574	0.000	1.000
81	1.A.2 Manufacturing Industries and Construction, Gaseous Fuels	N2O	0.670	0.506	0.000	1.000
82	1.A.2 Manufacturing Industries and Construction, Gaseous Fuels	CH4	0.562	0.425	0.000	1.000

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83	1.A.2 Manufacturing Industries and Construction, Liquid Fuels	CH4	2.825	0.340	0.000	1.000
84	1.A.3.b Road Transportation, LPG	N2O		0.325	0.000	1.000
85	1.A.1 Energy Industries, Other Fuels	N2O		0.208	0.000	1.000
86	1.A.3.b Road Transportation, Biomass	CH4		0.160	0.000	1.000
87	1.A.4 Other Sectors, Gaseous Fuels	N2O	0.018	0.155	0.000	1.000
88	1.A.3.b Road Transportation, LPG	CH4		0.129	0.000	1.000
89	1.A.1 Energy Industries, Gaseous Fuels	N2O	0.106	0.112	0.000	1.000
90	1.A.1 Energy Industries, Liquid Fuels	N2O	0.681	0.106	0.000	1.000
91	1.A.1 Energy Industries, Gaseous Fuels	CH4	0.089	0.094	0.000	1.000
92	1.A.3.b Road Transportation, CNG	CH4		0.070	0.000	1.000
93	1.A.4 Other Sectors, Solid Fuels	CH4	58.662	0.068	0.000	1.000
94	1.A.3.c Railways, Liquid Fuels	CH4	0.097	0.057	0.000	1.000
95	1.A.1 Energy Industries, Liquid Fuels	CH4	0.286	0.044	0.000	1.000
96	1.A.1 Energy Industries, Other Fuels	CH4		0.044	0.000	1.000
97	1.B.2.b Fugitive Emissions, Natural Gas	CO2	0.044	0.040	0.000	1.000
98	1.A.5 Other Mobile, Liquid Fuels	N2O	0.343	0.031	0.000	1.000
99	1.B.2.a Fugitive Emissions, Oil	CO2	0.011	0.018	0.000	1.000
100	1.A.3.a Civil Aviation, Aviation Gasoline	N2O	0.005	0.012	0.000	1.000
101	1.B.2.c Fugitive Emissions, Venting and Flaring	CO2	0.160	0.006	0.000	1.000
102	1.A.4 Other Sectors, Solid Fuels	N2O	5.569	0.004	0.000	1.000
103	5.C.1 Waste, Waste Incineration	N2O		0.004	0.000	1.000
104	1.A.3.b Other Transportation, Gaseous Fuels	N2O		0.001	0.000	1.000
105	1.A.3.b Other Transportation, Gaseous Fuels	CH4		0.001	0.000	1.000
106	1.A.5 Other Mobile, Liquid Fuels	CH4	0.007	0.001	0.000	1.000
107	1.A.3.a Civil Aviation, Aviation Gasoline	CH4	0.000	0.000	0.000	1.000
108	1.B.2.c Fugitive Emissions, Venting and Flaring	N2O	0.001	0.000	0.000	1.000

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Table 3: Key categories - trend assessment (with LULUCF)

IPCC Category	Gas	E in 1986 (Gg CO2 eq)	E in 2014 (Gg CO2 eq)	Trend Assessment	Contribution to trend in %	Cumulative total in %
1.A.3.b Road Transportation, Diesel Oil	CO2	632.950	3,908.365	0.130	0.240	0.240
4.A.1 LULUCF, Forest Land remaining Forest Land	CO2	-3,797.131	-6,038.230	0.054	0.099	0.338
1.A.4 Other Sectors, Solid Fuels	CO2	1,316.380	0.865	0.039	0.072	0.410
1.A.2 Manufacturing Industries and Construction, Liquid Fuels	CO2	1,689.284	377.408	0.036	0.066	0.476
1.A.2 Manufacturing Industries and Construction, Solid Fuels	CO2	1,467.570	236.767	0.035	0.064	0.540
4.A.2 LULUCF, Land converted to Forest Land	CO2	-398.724	-1377.597	0.034	0.063	0.603
4.C.2 LULUCF, Land converted to Grassland	CO2	-534.427	119.029	0.029	0.054	0.657
1.A.1 Energy Industries, Solid Fuels	CO2	6,318.267	4,160.871	0.029	0.054	0.710
2.F.1 Industrial processes, Refrigeration and AC Equipment	HFC		315.599	0.021	0.038	0.748
4.G LULUCF, Harvested wood products	CO2	-457.001	-112.207	0.017	0.031	0.780
1.A.3.b Road Transportation, Gasoline	CO2	1,272.478	1,330.766	0.013	0.024	0.804
1.A.4 Other Sectors, Liquid Fuels	CO2	822.812	934.363	0.011	0.021	0.824
1.A.4 Other Sectors, Gaseous Fuels	CO2	34.106	288.242	0.010	0.018	0.842
4.B.2 LULUCF, Land converted to Cropland	CO2	-253.089	-97.624	0.008	0.015	0.857
1.A.1 Energy Industries, Liquid Fuels	CO2	296.067	44.329	0.007	0.013	0.870
2.C.3 Industrial processes, Aluminium Production	PFC	233.193	15.221	0.006	0.012	0.882
3.A Agriculture, Enteric Fermentation	CH4	982.060	905.879	0.005	0.010	0.892
1.B.1.a Fugitive Emissions, Coal Mining and Handling	CH4	427.458	214.940	0.005	0.008	0.900
2.A.2 Industrial processes, Lime Production	CO2	214.363	56.256	0.004	0.008	0.908
1.B.1.a Fugitive Emissions, Other	CO2		50.233	0.003	0.006	0.914
1.A.2 Manufacturing Industries and Construction, Other Fuels	CO2	7.494	73.342	0.003	0.005	0.919
4.E LULUCF, Settlements	CO2	394.367	374.716	0.003	0.005	0.924

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<b>3.D.1 Agriculture, Direct Soil Emissions</b>	<b>N2O</b>	<b>341.265</b>	<b>331.936</b>	<b>0.003</b>	<b>0.005</b>	<b>0.928</b>
<b>1.A.3.b Road Transportation, LPG</b>	<b>CO2</b>		<b>35.073</b>	<b>0.002</b>	<b>0.004</b>	<b>0.932</b>
<b>4.B.1 LULUCF, Cropland remaining Cropland</b>	<b>CO2</b>	<b>103.756</b>	<b>24.864</b>	<b>0.002</b>	<b>0.004</b>	<b>0.936</b>
<b>1.A.1 Energy Industries, Gaseous Fuels</b>	<b>CO2</b>	<b>197.526</b>	<b>207.246</b>	<b>0.002</b>	<b>0.004</b>	<b>0.940</b>
<b>2.C.3 Industrial processes, Aluminium Production</b>	<b>CO2</b>	<b>88.822</b>	<b>119.412</b>	<b>0.002</b>	<b>0.004</b>	<b>0.944</b>
<b>1.A.4 Other Sectors, Biomass</b>	<b>CH4</b>	<b>118.410</b>	<b>138.107</b>	<b>0.002</b>	<b>0.003</b>	<b>0.947</b>
<b>1.A.4 Other Sectors, Solid Fuels</b>	<b>CH4</b>	<b>58.662</b>	<b>0.068</b>	<b>0.002</b>	<b>0.003</b>	<b>0.950</b>
3.B Agriculture, Manure Management	N2O	175.436	98.163	0.001	0.003	0.953
5.A.1 Waste, Managed waste disposal sites	CH4	371.889	327.971	0.001	0.003	0.955
2.G.3 Industrial processes, N2O from product use	N2O	78.733	23.840	0.001	0.003	0.958
1.A.3.b Road Transportation, Diesel Oil	N2O	7.655	43.163	0.001	0.003	0.961
5.D.1 Waste, Domestic and Commercial Waste Water	CH4	161.853	89.260	0.001	0.003	0.963
1.B.1.a Fugitive Emissions, Coal Mining and Handling	CO2	120.441	58.955	0.001	0.002	0.966
3.G Agriculture, Liming	CO2	44.000	0.660	0.001	0.002	0.968
2.B.6 Industrial processes, Titanium dioxide production	CO2	17.403	46.542	0.001	0.002	0.970
1.A.2 Manufacturing Industries and Construction, Gaseous Fuels	CO2	1243.984	938.879	0.001	0.002	0.973
1.A.5 Other Mobile, Liquid Fuels	CO2	41.093	3.722	0.001	0.002	0.975
4.D LULUCF, Wetlands	CO2	1.333	28.972	0.001	0.002	0.977
3.B Agriculture, Manure Management	CH4	342.152	242.190	0.001	0.002	0.978
2.C.1 Industrial processes, Iron and Steel Production	CO2	36.645	52.794	0.001	0.002	0.980
1.A.1 Energy Industries, Other Fuels	CO2		12.807	0.001	0.002	0.981
2.C.7 Industrial processes, Other - Anode burned off	CO2		10.442	0.001	0.001	0.983
3.D.2 Agriculture, Indirect Emissions	N2O	119.516	110.727	0.001	0.001	0.984
2.A.1 Industrial processes, Cement Production	CO2	514.615	418.280	0.001	0.001	0.985
5.C.1 Waste, Waste Incineration	CO2	1.338	13.749	0.000	0.001	0.986
1.A.3.c Railways, Liquid Fuels	CO2	68.926	41.037	0.000	0.001	0.987
5.B.1 Waste, Composting	CH4		7.039	0.000	0.001	0.988
1.A.2 Manufacturing Industries and Construction, Liquid Fuels	N2O	26.305	8.688	0.000	0.001	0.989
1.A.3.b Road Transportation, Gasoline	CH4	20.628	5.000	0.000	0.001	0.989

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4.F LULUCF, Other Land	<b>CO2</b>	14.163	22.005	0.000	0.001	0.990
1.A.4 Other Sectors, Liquid Fuels	<b>N2O</b>	46.089	25.326	0.000	0.001	0.991
5.D.1 Waste, Domestic and Commercial Waste Water	<b>N2O</b>	49.507	48.870	0.000	0.001	0.992
5.B.1 Waste, Composting	<b>N2O</b>		5.035	0.000	0.001	0.992
2.F.4 Industrial processes, Aerosols	<b>HFC</b>		4.897	0.000	0.001	0.993
2.G.1 Industrial processes, Electrical Equipment	<b>SF6</b>	9.770	15.521	0.000	0.001	0.993
1.A.3.b Road Transportation, Gasoline	<b>N2O</b>	15.131	3.960	0.000	0.001	0.994
1.A.4 Other Sectors, Biomass	<b>N2O</b>	18.819	21.954	0.000	0.001	0.994
1.A.3.b Road Transportation, Biomass	<b>N2O</b>		3.972	0.000	0.000	0.995
2.D.1 Industrial processes, Lubricant use	<b>CO2</b>	5.533	10.915	0.000	0.000	0.995
2.A.3 Industrial processes, Limestone and Dolomite Use	<b>CO2</b>	4.483	8.721	0.000	0.000	0.996
1.A.3.b Road Transportation, CNG	<b>CO2</b>		2.673	0.000	0.000	0.996
1.A.4 Other Sectors, Solid Fuels	<b>N2O</b>	5.569	0.004	0.000	0.000	0.996
5.D.2 Waste, Industrial Wastewater	<b>CH4</b>	7.771	1.966	0.000	0.000	0.997
1.A.2 Manufacturing Industries and Construction, Solid Fuels	<b>N2O</b>	6.262	1.026	0.000	0.000	0.997
2.F.2 Industrial processes, Foam Blowing agents	<b>HFC</b>		1.861	0.000	0.000	0.997
2.D.3 Industrial processes, Other	<b>CO2</b>		1.821	0.000	0.000	0.997
1.A.3.b Other Transportation, Gaseous Fuels	<b>CO2</b>		1.772	0.000	0.000	0.998
2.C.6 Industrial processes, Zinc production	<b>CO2</b>	6.307	2.203	0.000	0.000	0.998
2.F.3 Industrial processes, Fire Protection	<b>HFC</b>		1.467	0.000	0.000	0.998
3.H Urea application	<b>CO2</b>	9.087	9.424	0.000	0.000	0.998
1.A.1 Energy Industries, Solid Fuels	<b>N2O</b>	26.191	18.103	0.000	0.000	0.998
1.A.2 Manufacturing Industries and Construction, Solid Fuels	<b>CH4</b>	3.502	0.574	0.000	0.000	0.998
2.C.5 Industrial processes, Lead production	<b>CO2</b>	11.124	6.573	0.000	0.000	0.999
1.A.2 Manufacturing Industries and Construction, Liquid Fuels	<b>CH4</b>	2.825	0.340	0.000	0.000	0.999
1.A.1 Energy Industries, Biomass	<b>N2O</b>	0.189	1.791	0.000	0.000	0.999
1.A.2 Manufacturing Industries and Construction, Other Fuels	<b>N2O</b>	0.154	1.627	0.000	0.000	0.999
2.D.2 Industrial processes, Paraffin wax use	<b>CO2</b>	4.267	4.816	0.000	0.000	0.999
1.A.3.c Railways, Liquid Fuels	<b>N2O</b>	7.928	4.720	0.000	0.000	0.999

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4.B.2 LULUCF, Land converted to Cropland	<b>N2O</b>	3.311	4.002	0.000	0.000	0.999
1.B.2.b Fugitive Emissions, Natural Gas	<b>CH4</b>	35.094	28.538	0.000	0.000	0.999
1.A.1 Energy Industries, Biomass	<b>CH4</b>	0.119	1.133	0.000	0.000	0.999
1.A.3.a Civil Aviation, Aviation Gasoline	<b>CO2</b>	0.609	1.465	0.000	0.000	0.999
1.A.2 Manufacturing Industries and Construction, Other Fuels	<b>CH4</b>	0.097	1.024	0.000	0.000	1.000
2.A.4 Industrial processes, Other process uses of carbonates	<b>CO2</b>	22.130	18.129	0.000	0.000	1.000
1.A.4 Other Sectors, Liquid Fuels	<b>CH4</b>	2.958	2.950	0.000	0.000	1.000
1.A.4 Other Sectors, Gaseous Fuels	<b>CH4</b>	0.077	0.652	0.000	0.000	1.000
1.A.3.b Road Transportation, LPG	<b>N2O</b>		0.325	0.000	0.000	1.000
1.A.1 Energy Industries, Liquid Fuels	<b>N2O</b>	0.681	0.106	0.000	0.000	1.000
1.B.2.c Fugitive Emissions, Venting and Flaring	<b>CH4</b>	6.720	4.867	0.000	0.000	1.000
1.A.1 Energy Industries, Other Fuels	<b>N2O</b>		0.208	0.000	0.000	1.000
1.A.3.b Road Transportation, Biomass	<b>CH4</b>		0.160	0.000	0.000	1.000
1.A.3.b Road Transportation, Diesel Oil	<b>CH4</b>	1.695	1.566	0.000	0.000	1.000
1.A.5 Other Mobile, Liquid Fuels	<b>N2O</b>	0.343	0.031	0.000	0.000	1.000
1.A.3.b Road Transportation, LPG	<b>CH4</b>		0.129	0.000	0.000	1.000
4.A.1 LULUCF, Forest Land remaining Forest Land	<b>CH4</b>		0.127	0.000	0.000	1.000
1.A.2 Manufacturing Industries and Construction, Biomass	<b>N2O</b>	6.006	4.481	0.000	0.000	1.000
1.A.1 Energy Industries, Liquid Fuels	<b>CH4</b>	0.286	0.044	0.000	0.000	1.000
1.A.4 Other Sectors, Gaseous Fuels	<b>N2O</b>	0.018	0.155	0.000	0.000	1.000
1.A.1 Energy Industries, Solid Fuels	<b>CH4</b>	1.465	1.012	0.000	0.000	1.000
1.A.2 Manufacturing Industries and Construction, Biomass	<b>CH4</b>	3.779	2.820	0.000	0.000	1.000
1.A.3.b Road Transportation, CNG	<b>CH4</b>		0.070	0.000	0.000	1.000
1.B.2.c Fugitive Emissions, Venting and Flaring	<b>CO2</b>	0.160	0.006	0.000	0.000	1.000
1.A.1 Energy Industries, Other Fuels	<b>CH4</b>		0.044	0.000	0.000	1.000
4.A.1 LULUCF, Forest Land remaining Forest Land	<b>N2O</b>		0.019	0.000	0.000	1.000
1.A.1 Energy Industries, Gaseous Fuels	<b>N2O</b>	0.106	0.112	0.000	0.000	1.000
1.A.1 Energy Industries, Gaseous Fuels	<b>CH4</b>	0.089	0.094	0.000	0.000	1.000
1.A.3.c Railways, Liquid Fuels	<b>CH4</b>	0.097	0.057	0.000	0.000	1.000

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1.A.2 Manufacturing Industries and Construction, Gaseous Fuels	<b>N2O</b>	0.670	0.506	0.000	0.000	1.000
1.A.2 Manufacturing Industries and Construction, Gaseous Fuels	<b>CH4</b>	0.562	0.425	0.000	0.000	1.000
1.B.2.a Fugitive Emissions, Oil	<b>CO2</b>	0.011	0.018	0.000	0.000	1.000
1.A.3.a Civil Aviation, Aviation Gasoline	<b>N2O</b>	0.005	0.012	0.000	0.000	1.000
5.C.1 Waste, Waste Incineration	<b>N2O</b>		0.004	0.000	0.000	1.000
1.B.2.b Fugitive Emissions, Natural Gas	<b>CO2</b>	0.044	0.040	0.000	0.000	1.000
1.A.5 Other Mobile, Liquid Fuels	<b>CH4</b>	0.007	0.001	0.000	0.000	1.000
1.A.3.b Other Transportation, Gaseous Fuels	<b>N2O</b>		0.001	0.000	0.000	1.000
1.A.3.b Other Transportation, Gaseous Fuels	<b>CH4</b>		0.001	0.000	0.000	1.000
1.B.2.c Fugitive Emissions, Venting and Flaring	<b>N2O</b>	0.001	0.000	0.000	0.000	1.000
1.A.3.a Civil Aviation, Aviation Gasoline	<b>CH4</b>	0.000	0.000	0.000	0.000	1.000



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Table 4: Key categories - trend assessment (w/o LULUCF)

IPCC Category	Gas	E in 1986 (Gg CO <sub>2</sub> eq)	E in 2014 (Gg CO <sub>2</sub> eq)	Trend Assessment	Contribution to trend in %	Cumulative total in %
1.A.3.b Road Transportation, Diesel Oil	CO <sub>2</sub>	632.950	3,908.365	0.168	0.326	0.326
1.A.4 Other Sectors, Solid Fuels	CO <sub>2</sub>	1,316.380	0.865	0.053	0.104	0.430
1.A.1 Energy Industries, Solid Fuels	CO <sub>2</sub>	6,318.267	4,160.871	0.050	0.098	0.528
1.A.2 Manufacturing Industries and Construction, Liquid Fuels	CO <sub>2</sub>	1,689.284	377.408	0.050	0.097	0.625
1.A.2 Manufacturing Industries and Construction, Solid Fuels	CO <sub>2</sub>	1,467.570	236.767	0.048	0.093	0.718
2.F.1 Industrial processes, Refrigeration and AC Equipment	HFC		315.599	0.016	0.030	0.748
1.A.3.b Road Transportation, Gasoline	CO <sub>2</sub>	1,272.478	1,330.766	0.014	0.028	0.776
1.A.4 Other Sectors, Gaseous Fuels	CO <sub>2</sub>	34.106	288.242	0.013	0.025	0.801
1.A.4 Other Sectors, Liquid Fuels	CO <sub>2</sub>	822.812	934.363	0.013	0.025	0.826
1.A.1 Energy Industries, Liquid Fuels	CO <sub>2</sub>	296.067	44.329	0.010	0.019	0.845
2.C.3 Industrial processes, Aluminium Production	PFC	233.193	15.221	0.009	0.017	0.862
1.B.1.a Fugitive Emissions, Coal Mining and Handling	CH <sub>4</sub>	427.458	214.940	0.007	0.013	0.875
2.A.2 Industrial processes, Lime Production	CO <sub>2</sub>	214.363	56.256	0.006	0.011	0.887
3.A Agriculture, Enteric Fermentation	CH <sub>4</sub>	982.060	905.879	0.005	0.010	0.897
1.A.2 Manufacturing Industries and Construction, Gaseous Fuels	CO <sub>2</sub>	1,243.984	938.879	0.004	0.008	0.904
1.A.2 Manufacturing Industries and Construction, Other Fuels	CO <sub>2</sub>	7.494	73.342	0.003	0.006	0.911
3.D.1 Agriculture, Direct Soil Emissions	N <sub>2</sub> O	341.265	331.936	0.003	0.005	0.916
1.B.1.a Fugitive Emissions, Other	CO <sub>2</sub>		50.233	0.002	0.005	0.921
1.A.4 Other Sectors, Solid Fuels	CH <sub>4</sub>	58.662	0.068	0.002	0.005	0.925
2.C.3 Industrial processes, Aluminium Production	CO <sub>2</sub>	88.822	119.412	0.002	0.004	0.930
3.B Agriculture, Manure Management	N <sub>2</sub> O	175.436	98.163	0.002	0.004	0.934
1.A.1 Energy Industries, Gaseous Fuels	CO <sub>2</sub>	197.526	207.246	0.002	0.004	0.938
5.D.1 Waste, Domestic and Commercial Waste Water	CH <sub>4</sub>	161.853	89.260	0.002	0.004	0.943

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<b>1.A.4 Other Sectors, Biomass</b>	<b>CH4</b>	<b>118.410</b>	<b>138.107</b>	<b>0.002</b>	<b>0.004</b>	<b>0.947</b>
<b>2.G.3 Industrial processes, N2O from product use</b>	<b>N2O</b>	<b>78.733</b>	<b>23.840</b>	<b>0.002</b>	<b>0.004</b>	<b>0.951</b>
1.B.1.a Fugitive Emissions, Coal Mining and Handling	<b>CO2</b>	120.441	58.955	0.002	0.004	0.954
3.B Agriculture, Manure Management	<b>CH4</b>	342.152	242.190	0.002	0.004	0.958
1.A.3.b Road Transportation, Diesel Oil	<b>N2O</b>	7.655	43.163	0.002	0.004	0.962
3.G Agriculture, Liming	<b>CO2</b>	44.000	0.660	0.002	0.003	0.965
1.A.3.b Road Transportation, LPG	<b>CO2</b>		35.073	0.002	0.003	0.968
2.B.6 Industrial processes, Titanium dioxide production	<b>CO2</b>	17.403	46.542	0.002	0.003	0.971
1.A.5 Other Mobile, Liquid Fuels	<b>CO2</b>	41.093	3.722	0.001	0.003	0.974
5.A.1 Waste, Managed waste disposal sites	<b>CH4</b>	371.889	327.971	0.001	0.002	0.977
2.C.1 Industrial processes, Iron and Steel Production	<b>CO2</b>	36.645	52.794	0.001	0.002	0.979
1.A.3.c Railways, Liquid Fuels	<b>CO2</b>	68.926	41.037	0.001	0.001	0.980
1.A.2 Manufacturing Industries and Construction, Liquid Fuels	<b>N2O</b>	26.305	8.688	0.001	0.001	0.982
1.A.1 Energy Industries, Other Fuels	<b>CO2</b>		12.807	0.001	0.001	0.983
3.D.2 Agriculture, Indirect Emissions	<b>N2O</b>	119.516	110.727	0.001	0.001	0.984
5.C.1 Waste, Waste Incineration	<b>CO2</b>	1.338	13.749	0.001	0.001	0.985
1.A.4 Other Sectors, Liquid Fuels	<b>N2O</b>	46.089	25.326	0.001	0.001	0.986
1.A.3.b Road Transportation, Gasoline	<b>CH4</b>	20.628	5.000	0.001	0.001	0.988
2.C.7 Industrial processes, Other - Anode burned off	<b>CO2</b>		10.442	0.001	0.001	0.989
1.A.3.b Road Transportation, Gasoline	<b>N2O</b>	15.131	3.960	0.000	0.001	0.989
5.D.1 Waste, Domestic and Commercial Waste Water	<b>N2O</b>	49.507	48.870	0.000	0.001	0.990
2.G.1 Industrial processes, Electrical Equipment	<b>SF6</b>	9.770	15.521	0.000	0.001	0.991
5.B.1 Waste, Composting	<b>CH4</b>		7.039	0.000	0.001	0.992
1.A.4 Other Sectors, Biomass	<b>N2O</b>	18.819	21.954	0.000	0.001	0.992
2.D.1 Industrial processes, Lubricant use	<b>CO2</b>	5.533	10.915	0.000	0.001	0.993
2.A.3 Industrial processes, Limestone and Dolomite Use	<b>CO2</b>	4.483	8.721	0.000	0.000	0.993
5.B.1 Waste, Composting	<b>N2O</b>		5.035	0.000	0.000	0.994
2.F.4 Industrial processes, Aerosols	<b>HFC</b>		4.897	0.000	0.000	0.994
1.A.4 Other Sectors, Solid Fuels	<b>N2O</b>	5.569	0.004	0.000	0.000	0.995

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5.D.2 Waste, Industrial Wastewater	<b>CH4</b>	7.771	1.966	0.000	0.000	0.995
1.A.2 Manufacturing Industries and Construction, Solid Fuels	<b>N2O</b>	6.262	1.026	0.000	0.000	0.996
1.A.3.b Road Transportation, Biomass	<b>N2O</b>		3.972	0.000	0.000	0.996
2.A.1 Industrial processes, Cement Production	<b>CO2</b>	514.615	418.280	0.000	0.000	0.996
1.A.1 Energy Industries, Solid Fuels	<b>N2O</b>	26.191	18.103	0.000	0.000	0.997
2.C.6 Industrial processes, Zinc production	<b>CO2</b>	6.307	2.203	0.000	0.000	0.997
1.A.3.b Road Transportation, CNG	<b>CO2</b>		2.673	0.000	0.000	0.997
2.C.5 Industrial processes, Lead production	<b>CO2</b>	11.124	6.573	0.000	0.000	0.997
1.A.2 Manufacturing Industries and Construction, Solid Fuels	<b>CH4</b>	3.502	0.574	0.000	0.000	0.998
3.H Agriculture, Urea application	<b>CO2</b>	9.087	9.424	0.000	0.000	0.998
1.A.2 Manufacturing Industries and Construction, Liquid Fuels	<b>CH4</b>	2.825	0.340	0.000	0.000	0.998
2.F.2 Industrial processes, Foam Blowing agents	<b>HFC</b>		1.861	0.000	0.000	0.998
2.D.3 Industrial processes, Other	<b>CO2</b>		1.821	0.000	0.000	0.998
1.A.3.c Railways, Liquid Fuels	<b>N2O</b>	7.928	4.720	0.000	0.000	0.998
1.A.3.b Other Transportation, Gaseous Fuels	<b>CO2</b>		1.772	0.000	0.000	0.999
1.A.1 Energy Industries, Biomass	<b>N2O</b>	0.189	1.791	0.000	0.000	0.999
1.A.2 Manufacturing Industries and Construction, Other Fuels	<b>N2O</b>	0.154	1.627	0.000	0.000	0.999
2.F.3 Industrial processes, Fire Protection	<b>HFC</b>		1.467	0.000	0.000	0.999
2.D.2 Industrial processes, Paraffin wax use	<b>CO2</b>	4.267	4.816	0.000	0.000	0.999
1.A.1 Energy Industries, Biomass	<b>CH4</b>	0.119	1.133	0.000	0.000	0.999
1.A.3.a Civil Aviation, Aviation Gasoline	<b>CO2</b>	0.609	1.465	0.000	0.000	0.999
1.A.2 Manufacturing Industries and Construction, Other Fuels	<b>CH4</b>	0.097	1.024	0.000	0.000	0.999
1.B.2.c Fugitive Emissions, Venting and Flaring	<b>CH4</b>	6.720	4.867	0.000	0.000	1.000
1.A.4 Other Sectors, Gaseous Fuels	<b>CH4</b>	0.077	0.652	0.000	0.000	1.000
1.A.4 Other Sectors, Liquid Fuels	<b>CH4</b>	2.958	2.950	0.000	0.000	1.000
1.A.1 Energy Industries, Liquid Fuels	<b>N2O</b>	0.681	0.106	0.000	0.000	1.000
1.A.2 Manufacturing Industries and Construction, Biomass	<b>N2O</b>	6.006	4.481	0.000	0.000	1.000
1.A.3.b Road Transportation, LPG	<b>N2O</b>		0.325	0.000	0.000	1.000
1.A.2 Manufacturing Industries and Construction, Biomass	<b>CH4</b>	3.779	2.820	0.000	0.000	1.000

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1.A.5 Other Mobile, Liquid Fuels	<b>N2O</b>	0.343	0.031	0.000	0.000	1.000
1.B.2.b Fugitive Emissions, Natural Gas	<b>CH4</b>	35.094	28.538	0.000	0.000	1.000
1.A.1 Energy Industries, Other Fuels	<b>N2O</b>		0.208	0.000	0.000	1.000
1.A.1 Energy Industries, Liquid Fuels	<b>CH4</b>	0.286	0.044	0.000	0.000	1.000
1.A.1 Energy Industries, Solid Fuels	<b>CH4</b>	1.465	1.012	0.000	0.000	1.000
1.A.3.b Road Transportation, Diesel Oil	<b>CH4</b>	1.695	1.566	0.000	0.000	1.000
1.A.3.b Road Transportation, Biomass	<b>CH4</b>		0.160	0.000	0.000	1.000
1.A.4 Other Sectors, Gaseous Fuels	<b>N2O</b>	0.018	0.155	0.000	0.000	1.000
1.A.3.b Road Transportation, LPG	<b>CH4</b>		0.129	0.000	0.000	1.000
1.B.2.c Fugitive Emissions, Venting and Flaring	<b>CO2</b>	0.160	0.006	0.000	0.000	1.000
1.A.3.b Road Transportation, CNG	<b>CH4</b>		0.070	0.000	0.000	1.000
1.A.1 Energy Industries, Other Fuels	<b>CH4</b>		0.044	0.000	0.000	1.000
1.A.2 Manufacturing Industries and Construction, Gaseous Fuels	<b>N2O</b>	0.670	0.506	0.000	0.000	1.000
1.A.2 Manufacturing Industries and Construction, Gaseous Fuels	<b>CH4</b>	0.562	0.425	0.000	0.000	1.000
1.A.1 Energy Industries, Gaseous Fuels	<b>N2O</b>	0.106	0.112	0.000	0.000	1.000
1.A.3.c Railways, Liquid Fuels	<b>CH4</b>	0.097	0.057	0.000	0.000	1.000
1.A.1 Energy Industries, Gaseous Fuels	<b>CH4</b>	0.089	0.094	0.000	0.000	1.000
1.B.2.a Fugitive Emissions, Oil	<b>CO2</b>	0.011	0.018	0.000	0.000	1.000
1.A.3.a Civil Aviation, Aviation Gasoline	<b>N2O</b>	0.005	0.012	0.000	0.000	1.000
1.A.5 Other Mobile, Liquid Fuels	<b>CH4</b>	0.007	0.001	0.000	0.000	1.000
2.A.4 Industrial processes, Other process uses of carbonates	<b>CO2</b>	22.130	18.129	0.000	0.000	1.000
1.B.2.b Fugitive Emissions, Natural Gas	<b>CO2</b>	0.044	0.040	0.000	0.000	1.000
5.C.1 Waste, Waste Incineration	<b>N2O</b>		0.004	0.000	0.000	1.000
1.A.3.b Other Transportation, Gaseous Fuels	<b>N2O</b>		0.001	0.000	0.000	1.000
1.A.3.b Other Transportation, Gaseous Fuels	<b>CH4</b>		0.001	0.000	0.000	1.000
1.B.2.c Fugitive Emissions, Venting and Flaring	<b>N2O</b>	0.001	0.000	0.000	0.000	1.000
1.A.3.a Civil Aviation, Aviation Gasoline	<b>CH4</b>	0.000	0.000	0.000	0.000	1.000