

## Estimated GHG Inventory In Egypt

Mitigation & Clean Development Mechanism General Department  
Climate Change Central Department – Egyptian Environmental Affairs Agency

Code	Indicators	Unit	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
D1101	Total GHG Emission	Million Tonnes Eq. CO2	193.3	197.07	208.03	209.4	212.6	216.1	219.3	231.3	288.4	303.1	318.2
D11011 (46%)	GHG Emission / Energy Sector	Million Tonnes Eq. CO2	88.91	90.65	95.69	96.32	97.79	99.4	100.87	106.39	132.66	139.42	146.37
D11012 (14.2%)	GHG Emission / Transport Sector	Million Tonnes Eq. CO2	27.44	27.98	29.54	29.73	30.18	30.68	31.14	32.84	40.95	43.04	45.18
D11013 (14.4%)	GHG Emission / Industrial Sector	Million Tonnes Eq. CO2	27.83	28.34	29.95	30.15	30.61	31.11	31.57	33.3	41.52	43.64	45.82
D11014 (9%)	GHG Emission / Waste Sector	Million Tonnes Eq. CO2	17.39	17.73	18.72	18.84	19.13	19.44	19.73	20.81	25.95	27.27	28.63
D11015 (16.4%)	GHG Emission / AgricultureSector	Million Tonnes Eq. CO2	31.7	32.31	34.11	34.34	35.45	35.44	35.96	37.93	47.29	49.7	52.18
D1102 (66%)	CO2 Emissions / Total National Emissions	Million Tones	128.2	130.7	137.3	138.1	140.3	142.6	144.7	184.6	190.3	200	210
D1103	CO2 Emissions Per Capita (Rate:2.3%)	Tones	1.9	1.9	1.9	1.9	2.4	2.98	3.14	3.31	3.49	3.64	3.88
D1401 (13%)	N2O Emissions / Total National Emissions	Thousand Tones	78.7	82.61	87.22	87.8	89.12	90.61	91.93	97.00	120.96	127.09	133.4
GWP (310)		Million Tonnes Eq. CO2	24.4	25.61	27.04	27.22	27.63	28.09	28.5	30.07	37.5	39.4	41.36
D1501 (20%)	CH4 Emissions / Total National Emissions	Thousand Tones	1876.1	1876.6	1980.9	1994.2	2024.76	2058.09	2088.5	2202.8	2742.85	2886.66	3030.47
GWP (21)		Million Tonnes Eq. CO2	39.4	39.41	41.6	41.88	42.52	43.22	43.86	46.26	57.6	60.62	63.64

D1605 (0.03%)	HFCs Emissions / Total National Emissions	Thousand Tonnes											
GWP (140- 6400)		Million Tonnes Eq. CO2	0.05	0.062	0.062	0.063	0.064	0.065	0.066	0.069	0.086	0.09	0.095
D1606 (1%)	PFCs Emissions / Total National Emissions	Thousand Tonnes											
GWP (6500- 9200)		Million Tonnes Eq. CO2	1.1	1.97	2.08	2.096	2.12	2.16	2.19	2.31	2.88	3.031	3.182
D1607 (0.06%)	SF6 Emissions / Total National Emissions	Tones	4.184	4.602	5.188	5.271	5.355	5.439	5.523	5.774	7.196	7.531	7.949
GWP (23900)		Million Tonnes Eq. CO2	0.1	0.11	0.124	0.126	0.128	0.13	0.132	0.138	0.172	0.18	0.19

- **Source: SNC**
- **Calculation Based on**
- **Emission Increasing Rate: 5.1 %**
- **Population Increasing Rate: 1.7 – 2.3 %**
- **GWP: CO2 = 1                      CH4= 21                      N2O=310**  
**HFCs= 140-6400                      PFCs= 6500-9200                      SF6=23900**