

IPCC National GHGI Reporting and Guidelines for Energy, Waste Sectors –

Reporting Guidance and Tables

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Common reporting tables (CRTs) are a template for the electronic reporting of GHG data under the UNFCCC

CRTs plays a pivotal role in accurate and consistent reporting of GHG emissions to the UNFCCC

CRTs serve as a standardized framework that enables countries to report their emissions data in clear, transparent and comparable manner

CRTs are organized into a series of tables and sub tables

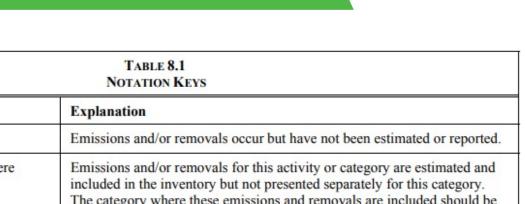
Each table/ sub-table is designed to capture specific aspect of GHG emissions and removals

CRTs provide detailed information about emission sources, methodologies and data quality

Reporting Guidance and Tables

Notation Key

Definition



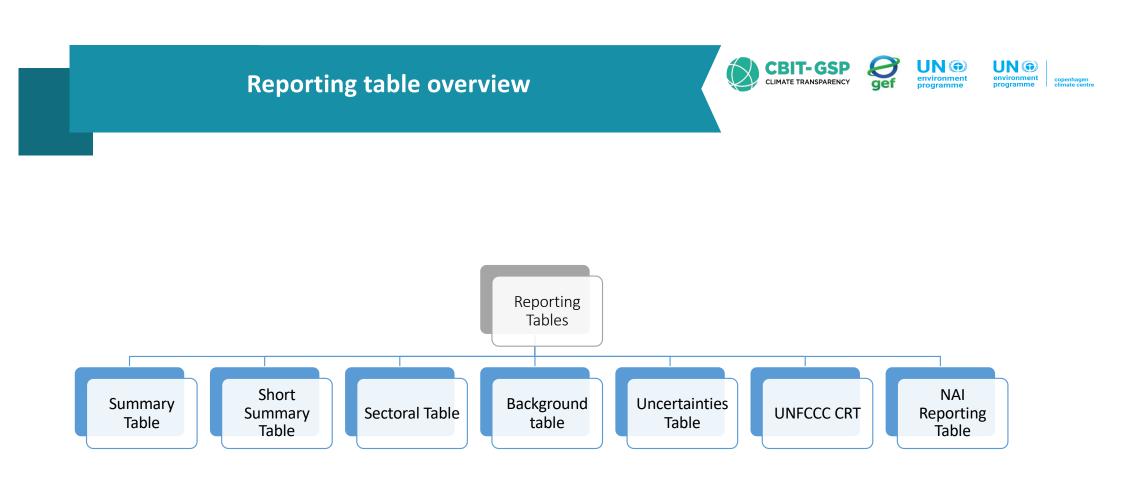
NE	Not estimated	Emissions and/or removals occur but have not been estimated or reported.
IE	Included elsewhere	Emissions and/or removals for this activity or category are estimated and included in the inventory but not presented separately for this category. The category where these emissions and removals are included should be indicated (for example in the documentation box in the correspondent table).
С	Confidential information	Emissions and/or removals are aggregated and included elsewhere in the inventory because reporting at a disaggregated level could lead to the disclosure of confidential information.
NA	Not applicable	The activity or category exists but relevant emissions and removals are considered never to occur. Such cells are normally shaded in the reporting tables.
NO	Not occurring	An activity or process does not exist within a country.

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Summary Table - Result





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	mary	

		sions 3g)	-		C	Emis D2 Equi	ssions valents	(Gg) +⊐		Emissi (Gg			
Categories	Net CO2 (1)(2)	CH4	N2O	HFCs	PFCs	SF6	NF3	Other halogenated gases with CO2 equivalent conversion factors (3)	Other halogenated gases without CO2 equivalent conversion factors (4)	NOx	со	NMVOCs	S
Total National Emissions and Removals	47900.976	101.850	10.876	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.
1 - Energy	47827.422	80.755	2.279	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
1.A - Fuel Combustion Activities	45838.453	79.100	2.279	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
1.A.1 - Energy Industries	8317.918	0.159	0.110							0.000	0.000	0.000	(
1.A.2 - Manufacturing Industries and Construction	9506.429	0.554	0.096							0.000	0.000	0.000	(
1.A.3 - Transport	21673.883	4.473	1.065							0.000	0.000	0.000	0
1.A.4 - Other Sectors	6340.223	73.914	1.008							0.000	0.000	0.000	(
1.A.5 - Non-Specified	0.000	0.000	0.000							0.000	0.000	0.000	(
1.B - Fugitive emissions from fuels	1988.969	1.655	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(
1.B.1 - Solid Fuels	0.000	1.655	0.000							0.000	0.000	0.000	(
1.B.2 - Oil and Natural Gas	1988.969	0.000	0.000							0.000	0.000	0.000	(
1.B.3 - Other emissions from Energy Production	0.000	0.000	0.000							0.000	0.000	0.000	
1.C - Carbon dioxide Transport and Storage	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
1.C.1 - Transport of CO2	0.000									0.000	0.000	0.000	(
1.C.2 - Injection and Storage	0.000									0.000	0.000	0.000	(
1.C.3 - Other	0.000									0.000	0.000	0.000	(
- Industrial Processes and Product Use	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(
2.A - Mineral Industry	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(
2.A.1 - Cement production	0.000									0.000	0.000	0.000	(
2.A.2 - Lime production	0.000									0.000	0.000	0.000	(
2.A.3 - Glass Production	0.000									0.000	0.000	0.000	(
2.A.4 - Other Process Uses of Carbonates	0.000									0.000	0.000	0.000	
2.A.5 - Other (please specify)	0.000	0.000	0.000							0.000	0.000	0.000	
2.B - Chemical Industry	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
2.B.1 - Ammonia Production	0.000									0.000	0.000	0.000	
2.B.2 - Nitric Acid Production			0.000							0.000	0.000	0.000	
2.B.3 - Adipic Acid Production			0.000							0.000	0.000	0.000	1
2.B.4 - Caprolactam, Glyoxal and Glyoxylic Acid Production			0.000							0.000	0.000	0.000	1
2.B.5 - Carbide Production	0.000	0.000								0.000	0.000	0.000	1
2.B.6 - Titanium Dioxide Production	0.000									0.000	0.000	0.000	1
2.B.7 - Soda Ash Production	0.000									0.000	0.000	0.000	1
2.B.8 - Petrochemical and Carbon Black Production	0.000	0.000								0.000	0.000	0.000	1
2.B.9 - Fluorochemical Production				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(
2.B.10 - Other (Please specify)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1
2.C - Metal Industry	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(

Short Summary Table - Result





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		sions 3g)	-Þ		С		ssions valents	(Gg) +		Emissi (Gg			
Categories	Net CO2 (1)(2)	CH4	N2O	HFCs	PFCs	SF6	NF3	Other halogenated gases with CO2 equivalent conversion factors (3)	Other halogenated gases without CO2 equivalent conversion factors (4)	NOx	со	NMVOCs	s
Total National Emissions and Removals	47900.976		10.876	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
1 - Energy	47827.422	80.755	2.279	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
1.A - Fuel Combustion Activities	45838.453	79.100	2.279							0.000	0.000	0.000	0
1.B - Fugitive emissions from fuels	1988.969	1.655	0.000							0.000	0.000	0.000	0
1.C - Carbon dioxide Transport and Storage	0.000									0.000	0.000	0.000	0
2 - Industrial Processes and Product Use	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(
2.A - Mineral Industry	0.000	0.000	0.000							0.000	0.000	0.000	(
2.B - Chemical Industry	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(
2.C - Metal Industry	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
2.D - Non-Energy Products from Fuels and Solvent Use	0.000	0.000	0.000							0.000	0.000	0.000	
2.E - Electronics Industry	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
2.F - Product Uses as Substitutes for Ozone Depleting Substances	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
2.G - Other Product Manufacture and Use	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
2.H - Other	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
3 - Agriculture, Forestry, and Other Land Use	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
3.A - Livestock		0.000	0.000							0.000	0.000	0.000	
3.B - Land	0.000									0.000	0.000	0.000	
3.C - Aggregate sources and non-CO2 emissions sources on land	0.000	0.000	0.000							0.000	0.000	0.000	
3.D - Other	0.000	0.000	0.000							0.000	0.000	0.000	
4 - Waste	73.553	21.095	8.597	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
4.A - Solid Waste Disposal		0.000								0.000	0.000	0.000	
4.B - Biological Treatment of Solid Waste		0.050	0.017							0.000	0.000	0.000	
4.C - Incineration and Open Burning of Waste	73.553	0.163	0.003							0.000	0.000	0.000	
4.D - Wastewater Treatment and Discharge		20.881	8.577							0.000	0.000	0.000	
4.E - Other (please specify)	0.000	0.000	0.000							0.000	0.000	0.000	t
5-Other	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
5.A - Indirect N2O emissions from the atmospheric deposition of nitrogen in NOx and NH3			0.000							0.000	0.000	0.000	
5.B - Indirect CO2 emissions from the atmospheric oxidation of CH4, CO and NMVOC	0.000									0.000	0.000	0.000	t
5.C - Other	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Result - Energy sectoral table

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Table 1 displays emissions categorized by gas type

e 1 Energy Sectoral Table Memo and Information Items							
	+		Emissi (Gg				
Categories	CO2		N2O	NOx	со	NMVOCs	SO2
- Energy	47827.422	80.755	2.279				
1.A - Fuel Combustion Activities	45838.453	79.100	2.279				
1.A.1 - Energy Industries	8317.918	0.159	0.110				
1.A.1.a - Main Activity Electricity and Heat Production	8317.918	0.159	0.110				
1.A.1.a.i - Electricity Generation	8317.918	0.159	0.110				
1.A.1.a.ii - Combined Heat and Power Generation (CHP)							
1.A.1.a.iii - Heat Plants							
1.A.1.b - Petroleum Refining							
1.A.1.c - Manufacture of Solid Fuels and Other Energy Industries	0.000	0.000					
1.A.1.c.i - Manufacture of Solid Fuels	0.000	0.000					
1.A.1.c.ii - Other Energy Industries							
1.A.2 - Manufacturing Industries and Construction	9506.429	0.554	0.096				
1.A.2.a - Iron and Steel	820.211	0.034	0.007				
1.A.2.b - Non-Ferrous Metals							
1.A.2.c - Chemicals	786.016	0.032	0.006				
1.A.2.d - Pulp, Paper and Print	632.746	0.025	0.005				
1.A.2.e - Food Processing, Beverages and Tobacco	1690.608	0.065	0.013				
1.A.2.f - Non-Metallic Minerals	3699.110	0.323	0.050				
1.A.2.g - Transport Equipment							
1.A.2.h - Machinery	15.766	0.001	0.000				
1.A.2.i - Mining (excluding fuels) and Quarrying	249.028	0.010	0.002				
1.A.2.j - Wood and wood products	495.919	0.020	0.004				
1.A.2.k - Construction	495.976	0.020	0.004				
1.A.2.I - Textile and Leather	526.008	0.020	0.004				
1.A.2.m - Non-specified Industry	95.040	0.004	0.001				
1.A.3 - Transport	21673.883	4.473	1.065				
1.A.3.a - Civil Aviation	1021.206	0.007	0.029				
1.A.3.a.i - International Aviation (International Bunkers) (1)							
1.A.3.a.ii - Domestic Aviation	1021.206	0.007	0.029				
1.A.3.b - Road Transportation	20648.706	4.466	1.035				
1.A.3.b.i - Cars	20648.706	4.466	1.035				
1.A.3.b.i.1 - Passenger cars with 3-way catalysts	20648.706	4.466	1.035				
1.A.3.b.i.2 - Passenger cars without 3-way catalysts							
1.A.3.b.ii - Light-duty trucks							

Memo and information items displays emissions of international bunkers other special information.

able 1 Energy Sectoral Table Memo and Information Items							
	÷		Emiss (G				
Categories	CO2	CH4	N2O	NOx	со	NMVOCs	s
Memo Items (3)							
International Bunkers	5918.2	4 0.415	0.158				
1.A.3.a.i - International Aviation (International Bunkers) (1)	1532.53	0.011	0.043				
1.A.3.d.i - International water-borne navigation (International bunkers) (1)	4385.67	7 0.404	0.115				
1.A.5.c - Multilateral Operations (1)(2)							
Information Items							Γ
CO2 from Biomass Combustion	27528.8	64					
CO2 from Biomass Combustion Captured	0.00	0					
Biogenic CO2	0.00	0					

Result - Energy background table







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2006 IPCC Categories 7			Activity	(TJ)	-Þ	Emissio Solid Fu		Emis Liquid F	sions uels (Gg) ⁺ G	Emissions aseous Fu	el ⁻ ^{III} Othe	ssions r Fossil	Peat (sions (Gg) (1)	Emissi Biomas	ons s(G ≠⊐		ssions al (Gg)	+	Information It	tems (Gg)
	Solid Fuels	Liquid Fuels	Gaseous Fuels	Other Fossil Fuels Peat	Biomass	со2 сн	4 N2O	CO2	CH4	N20 C	02 CH4 N	20 CO2	CH4 N2C	CO2	CH4 N2	O CH4	N2O	CO2	CH4	N2O	CO2 Amount Captured	Biomass CO2 e
A.3 - Transport		300456.608						21673.883										21673.883				
1.A.3.a - Civil Aviation		14285.625	5					1021.206	0.007	0.029								1021.206	0.007	0.029	0.000	
1.A.3.a.i - International Aviation (International Bunkers) (2) (4)																						
1.A.3.a.ii - Domestic Aviation		14285.625						1021.206										1021.206			0.000	
1.A.3.b - Road Transportation		286117.389						20648.706										20648.706				
1.A.3.b.i - Cars		286117.389						20648.706	4.466	1.035								20648.706				
1.A.3.b.i.1 - Passenger cars with 3-way catalysts		286117.389						20648.706	4.466	1.035							2	20648.706	4.466	1.035	0.000	
1.A.3.b.i.2 - Passenger cars without 3-way catalysts																						
1.A.3.b.ii - Light-duty trucks																						
1.A.3.b.ii.1 - Light-duty trucks with 3-way catalysts																						
1.A.3.b.ii.2 - Light-duty trucks without 3-way catalysts																						
1.A.3.b.iii - Heavy-duty trucks and buses																						
1.A.3.b.iv - Motorcycles																						
1.A.3.b.v - Evaporative emissions from vehicles																						
1.A.3.b.vi - Urea-based catalysts (3)																						
1.A.3.c - Railways		53.594	•					3.971	0.000	0.002								3.971	0.000	0.002	0.000	
1.A.3.d - Water-borne Navigation																						
1.A.3.d.i - International water-borne navigation (International bunkers) (2) (4)																						
1.A.3.d.ii - Domestic Water-borne Navigation																						
1.A.3.e - Other Transportation										_												
1.A.3.e.i - Pipeline Transport																						1
**** " Off 1																						
2006 IPCC Categories 무			Activity (TJ)			ssions I Fuels (Emissions uid Fuels ((3g) ≁⊐	Emissi Gaseous	ons s Fuel 🖶 C	Emissions ther Fossi	i -⊐ Em Pe	issions at (Gg)	-⊐ En Bior	nissions nass (Gg)	e Er To	missions Total (Gg)	-12			
	Solid Fuels Li	iquid Fuels	Gaseous Fuels	Other Fossil Fuels Peat	Biomass CO2	СН4 N20	o co:	2 CH4	N2O	со2 сн	14 N2O CO	02 CH4 N	120 CO2	CH4 N				CH4	N2O			
ternational Bunkers		79122.576					5918.	.214 0.415	0.158								5918.21	14 0.415	0.158			
1.A.3.a.i - International Aviation (International Bunkers) (2) (4)		21434.090					1532.	.537 0.011	0.043								1532.53	37 0.011	0.043			
							4385.											77 0.404		4		

Result - Uncertainties Reporting Table 7a



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orting Table 7a - Uncertainties expear for assessment of uncertainty in trend 2000 V Yea	r T 2000 ∨ Refre	sh Data				
2006 IPCC Categories	P Gas P	Base Year emissions or removals +⊐ (Gg CO2 equivalent)	Activity Data Uncertainty -⊐ (%)	Emission Factor Uncertainty +⊐ (%)	Combined Uncertainty +⊐ (%)	Contribution to Variance by Category in Year T
I - Energy						
I.A.1 - Energy Industries - Liquid Fuels	CO2	2548.436	5.000	6.136	7.915	C
	CH4	0.099	5.000	228.788	228.843	(
	N2O	0.020	5.000	228.788	228.843	
I.A.1 - Energy Industries - Solid Fuels	CO2	5766.053	5.000	12.460	13.426	
	CH4	0.060	5.000	200.000	200.062	
	N2O	0.090	5.000	222.222	222.278	
I.A.1 - Energy Industries - Gaseous Fuels	CO2	3.429	5.000	3.922	6.354	
	CH4	0.000	5.000	200.000	200.062	
	N2O	0.000	5.000	200.000	200.062	
1.A.1 - Energy Industries	CO2	0.000	5.000	5.000	7.071	
	CH4	0.000	5.000	5.000	7.071	
	N2O	0.000	5.000	5.000	7.071	
1.A.2 - Manufacturing Industries and Construction - Liquid Fuels	CO2	6687.058	16.583	20.351	26.252	
	CH4	0.260	16.583	758.804	758.985	
	N2O	0.052	16.583	758.804	758.985	
I.A.2 - Manufacturing Industries and Construction - Solid Fuels	CO2	2819.371	8.660	21.581	23.254	
	CH4	0.293	8.660	346.410	346.518	
	N2O	0.044	8.660	384.900	384.998	
I.A.3.a - Civil Aviation - Liquid Fuels	CO2	2553.743	7.071	5.953	9.243	
	CH4	0.018	7.071	141.421	141.598	
	N2O	0.071	7.071	212.132	212.250	
I.A.3.b - Road Transportation - Liquid Fuels	C02	20648.706	5.000	3.068	5.866	
	CH4	4.466	5.000	244.693	244.744	
	N2O	1.035	5.000	209.938	209.997	
1.A.3.b - Road Transportation	CO2	0.000	0.000	0.000	0.000	
1.A.3.c - Railways - Liquid Fuels	C02	3.971	5.000	2.024	5.394	
	CH4	0.000	5.000	150.602	150.685	
	N20	0.002	5.000	200.000	200.062	
1.A.3.d - Water-borne Navigation - Liquid Fuels	CO2	4385.677	5.000	4.301	6.596	
	CH4	0.404	5.000	50.000	50.249	
	N20	0.115	5.000	140.000	140.089	
1.A.4 - Other Sectors - Liquid Fuels	CO2 CH4	6340.223 0.657	10.000	10.432	14.451 324.293	
	CH4 N2O	0.657	10.000	324.138 409.648	324.293 409.770	

Result - Uncertainties Reporting Table 7a



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orting Table 7a - Uncertainties expear for assessment of uncertainty in trend 2000 V Yea	r T 2000 ∨ Refre	sh Data				
2006 IPCC Categories	P Gas P	Base Year emissions or removals +⊐ (Gg CO2 equivalent)	Activity Data Uncertainty -⊐ (%)	Emission Factor Uncertainty +⊐ (%)	Combined Uncertainty +⊐ (%)	Contribution to Variance by Category in Year T
I - Energy						
I.A.1 - Energy Industries - Liquid Fuels	CO2	2548.436	5.000	6.136	7.915	C
	CH4	0.099	5.000	228.788	228.843	(
	N2O	0.020	5.000	228.788	228.843	
I.A.1 - Energy Industries - Solid Fuels	CO2	5766.053	5.000	12.460	13.426	
	CH4	0.060	5.000	200.000	200.062	
	N2O	0.090	5.000	222.222	222.278	
I.A.1 - Energy Industries - Gaseous Fuels	CO2	3.429	5.000	3.922	6.354	
	CH4	0.000	5.000	200.000	200.062	
	N2O	0.000	5.000	200.000	200.062	
1.A.1 - Energy Industries	CO2	0.000	5.000	5.000	7.071	
	CH4	0.000	5.000	5.000	7.071	
	N2O	0.000	5.000	5.000	7.071	
1.A.2 - Manufacturing Industries and Construction - Liquid Fuels	CO2	6687.058	16.583	20.351	26.252	
	CH4	0.260	16.583	758.804	758.985	
	N2O	0.052	16.583	758.804	758.985	
I.A.2 - Manufacturing Industries and Construction - Solid Fuels	CO2	2819.371	8.660	21.581	23.254	
	CH4	0.293	8.660	346.410	346.518	
	N2O	0.044	8.660	384.900	384.998	
I.A.3.a - Civil Aviation - Liquid Fuels	CO2	2553.743	7.071	5.953	9.243	
	CH4	0.018	7.071	141.421	141.598	
	N2O	0.071	7.071	212.132	212.250	
I.A.3.b - Road Transportation - Liquid Fuels	C02	20648.706	5.000	3.068	5.866	
	CH4	4.466	5.000	244.693	244.744	
	N2O	1.035	5.000	209.938	209.997	
1.A.3.b - Road Transportation	CO2	0.000	0.000	0.000	0.000	
1.A.3.c - Railways - Liquid Fuels	C02	3.971	5.000	2.024	5.394	
	CH4	0.000	5.000	150.602	150.685	
	N20	0.002	5.000	200.000	200.062	
1.A.3.d - Water-borne Navigation - Liquid Fuels	CO2	4385.677	5.000	4.301	6.596	
	CH4	0.404	5.000	50.000	50.249	
	N20	0.115	5.000	140.000	140.089	
1.A.4 - Other Sectors - Liquid Fuels	CO2 CH4	6340.223 0.657	10.000	10.432	14.451 324.293	
	CH4 N2O	0.657	10.000	324.138 409.648	324.293 409.770	



CRT section includes 12 tables as bellow;

- 1. Table 1 : Sectoral Report for Energy
- 2. Table 1 A(a)s1 Sectoral Background data for Energy, Fuel combustion activities- sectoral approach sheet -1
- 3. Table 1 A(a)s2 Sectoral Background data for Energy, Fuel combustion activities- sectoral approach sheet -2
- 4. Table 1 A(a)s3 Sectoral Background data for Energy, Fuel combustion activities- sectoral approach sheet -3
- 5. Table 1 A(a)s4 Sectoral Background data for Energy, Fuel combustion activities- sectoral approach sheet -4
- 6. Table 1 A(b) Sectoral Background data for Energy, Fuel combustion activities- reference approach
- 7. Table 1 A(c) Compression of CO2 emission from fuel combustion
- 8. Table 1 A(d) Sectoral Background data for Energy, Feedstocks, reductant and other non energy use of fuels
- 9. Table 1 B 1 Sectoral Background data for Energy- solid fuels
- 10. Table 1 B 2 Sectoral Background data for Energy-Oil, natural gas and other emission from energy production.
- 11. Table 1 C Sectoral Background data for Energy- CO2 Transport and storage
- 12. Table 1 D Sectoral Background data for Energy-International aviation and international navigation) international bunkers) and multilateral operations

Result - CRT Table





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Application Database Inventory Year Worksheets Tools Exp Sector Energy Year 2000 V Table1 Table1.A(a)s1 Table1.A(a)s2 Table1.A(a)s3 Table1.A(a)s4 Table1.A(a)s4	Refresh values			Table1.C Ta	ble1.D					_ & ×							
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO2 (kt)	CH4 (kt)	N2O (kt)	NOx (kt)	CO (kt)		MVOC (kt)	SOx (kt)									
1A. Fuel combustion activities (sectoral approach) 1A.1. Energy industries 1A.1.a. Public electricity and heat production		Sector Energy		-		Refresh va			1		2022						
1.A.1.b. Petroleum refining 1.A.1.c. Manufacture of solid fuels and other energy industries 1.A.2. Manufacturing industries and construction		TABLE 1.		RAL BACK	(a)s3] Table1.A(a)s4 Table1.A(ole1.A(d) Ta	ble1.B.1 T	able1.B.2 Table1.C Tat	ole1.D						
1.A.2.a. Iron and steel 1.A.2.b. Non-ferrous metals		GREENHOUS	E GAS SOURCE AN	D SINK CATEG	DRIES AGGREGATE A	CTIVITY DAT	A IMPLIE	D EMISSION	FACTORS		EMISSION	٩S					
1.A.2.c. Chemicals					Consumption	NCV/G	CV CO2	CH4	N2O	CO2			N2O				
1.A.2.d. Pulp, paper and print					(TJ)		(t/TJ)	(kg/TJ)	(kg/TJ)	(kt)	(kt)		(kt)	Method		EF	
		1.A.3 Trans	sport		300456.6	078				21673.88319773	4.47	330928	1.06537461				
		Liquid fue	els		300456.6	078				21673.88319773	4.47	330928	1.06537461				
end 👻 🕂	Documentation box	Solid fuels			NE,	NO				NE, NO		NE, NO	NE, NO				
"Total GHG emissions" does not include NOX, CO, NMVOC and SOX. As per decision 18/CMA.1, annex, para. 37, each Party shall use the year time-horizon GWP values from the IPCC Fifth Assessment Report, or	Parties should provid ("Energy" (CRT sector references to relevant further details are need	Biomass	sil fuels (7)		ector Energy Table1 Table1.A(a)s1 Table	Year			Refresh v		ble1 B 1	IR2 Table1 C	Table1 D				
-year time-horizon GWP values from a subsequent IPCC assessment report greed upon by the CMA, to report aggregate emissions and removals of Gs, expressed in CO2 eq. Each Party may in addition also use other metrics global temperature potential) to report supplemental information on	feedstocks and non-er inventory, under the er	Aviation g	gasoline	1	ABLE 1.B.1 SECT(iolid Fuels (Sheet 1 of 1)												
regate emissions and removals of GHGs, expressed in CO2 eq. In such es, the Party shall provide in the NID information on the values of the metrics		Biomass			GREENHOUSE	GAS SOURCE	AND SINK CAT	EGORIES		ACTIVITY DATA	IMPLIED EMIS	SION FACTORS	E	MISSIONS		RECO	VERY/FLAP
es, the Party shall provide in the NID information on the values of the metrics d and the IPCC assessment report they were sourced from.		<u> </u>								Amount of fuel produced	CH4	CO2	CH4	со	2	CH4	
Parties are asked to report emissions from international aviation and marine		Legend								(Mt)	(kg/t)	(kg/t)	(kt)	(kt)	(kt)	
					1. B. 1. a. Coal mining and h	andling				1.221			1.655		NE, NO	NE,	NO
try/Territory: Philippines Inventory Year: 2000 Base year for assessme	ent of uncertainty in tren	d: 1990 CO2 Equ	uivalents: AR5 GW	/Ps (100 ye	1.B.1.a.i. Underground m					0.046			0.63		NE, NO		NO
					1.B.1.a.i.1. Mining activit								0.55		NE		NE
					1.B.1.a.i.2. Post-mining a 1.B.1.a.i.3. Abandoned u		en (number of	(100)		NE			0.07	705 NE	NE		NE NE
					1.B.1.a.i.4. Flaring of dra				(5)	NE				NE	NE		INE
					1.B.1.a.i.5. Other (please				1-1	HL.				NO	NO		NO
					Other Underground Coa		Software 1.B.3]			NO				NO	NO		NO
					1.B.1.a.ii. Surface mines					1.175			1.023		NE, NO		NO
					1.B.1.a.ii.1. Mining activi	ties							0.9	1447	NE		NE

Result - NAI Reporting Table



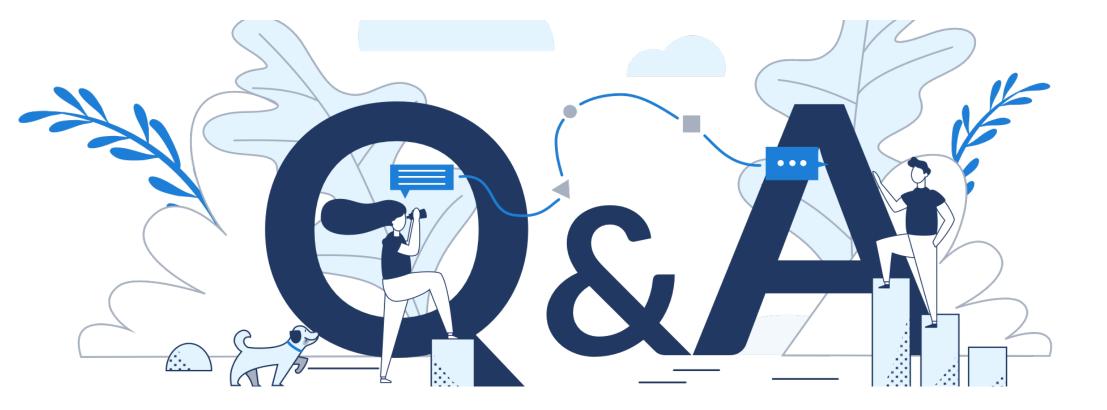
Upon selecting "NAI Reporting table" in the report section, the software will display emissions categorized by level 2 & 3 categories. These Table 1 & 2 include emissions net CO2, CH4, N2O, HFCs, PFCs, SF6, and others.

Reporting Table 1 NAI Reporting Table 2								
Greenhouse gas source and sink categories	-10	Net CO2 ,	CH4 (Gg)	N2O (Gg) 🗗	CO ₊ Gg ₽	NOx (Gg) 中	NMVOCs +	SO: (Gg
Total National Emissions and Removals		47900.976	101.850	10.876	0.000	0.000	0.000	0.0
1 - Energy		47827.422	80.755	2.279	0.000	0.000	0.000	0.0
1A - Fuel Combustion Activities		45838.453	79.100	2.279	0.000	0.000	0.000	0.0
1A1 - Energy Industries		8317.918	0.159	0.110	0.000	0.000	0.000	0.0
1A2 - Manufacturing Industries and Construction (ISIC)		9506.429	0.554	0.096	0.000	0.000	0.000	0.0
1A3 - Transport		21673.883	4.473	1.065	0.000	0.000	0.000	0.0
1A4 - Other Sectors		6340.223	73.914	1.008	0.000	0.000	0.000	0.0
1A5 - Other		0.000	0.000	0.000	0.000	0.000	0.000	0.0
1B - Fugitive Emissions from Fuels		1988.969	1.655	0.000	0.000	0.000	0.000	0.0
1B1 - Solid Fuels		0.000	1.655	0.000	0.000	0.000	0.000	0.0
1B2 - Oil and Natural Gas		1988.969	0.000	0.000	0.000	0.000	0.000	0.0
2 - Industrial Processes		0.000	0.000	0.000	0.000	0.000	0.000	0.0
2A - Mineral Products		0.000	0.000	0.000	0.000	0.000	0.000	0.0
2B - Chemical Industry		0.000	0.000	0.000	0.000	0.000	0.000	0.0
2C - Metal Production		0.000	0.000	0.000	0.000	0.000	0.000	0.0
2D - Other Production		0.000	0.000		0.000	0.000	0.000	0.0
2E - Production of Halocarbons and Sulphur Hexafluoride					0.000	0.000	0.000	0.0

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NAI Reporting Table 1 NAI Reporting Table 2

		HFC			PFC		SF6
Greenhouse gas source and sink categories	HFC-23 (Gg)	HFC-134 (Gg)	Other (Gg-CO2)	CF4 (Gg)	C2F6 (Gg)	Other (Gg-CO2)	SF6 (Gg)
Total National Emissions and Removals	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1 - Energy							
1A - Fuel Combustion Activities							
1A1 - Energy Industries							
1A2 - Manufacturing Industries and Construction (ISIC)							
1A3 - Transport							
1A4 - Other Sectors							
1A5 - Other							
1B - Fugitive Emissions from Fuels							
1B1 - Solid Fuels							
1B2 - Oil and Natural Gas							
2 - Industrial Processes	0.000	0.000	0.000	0.000	0.000	0.000	0.00
2A - Mineral Products							
2B - Chemical Industry							
2C - Metal Production	0.000	0.000	0.000	0.000	0.000	0.000	0.00
2D - Other Production							
2E - Production of Halocarbons and Sulphur Hexafluoride	0.000	0.000	0.000	0.000	0.000	0.000	0.00
2F - Consumption of Halocarbons and Sulphur Hexafluoride	0.000	0.000	0.000	0.000	0.000	0.000	0.000



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