

Capacity Building Initiative for Transparency - Global Support Programme (CBIT-GSP) : Asia Region

Common Reporting Tables (CRT) for GHG Inventory

25 October 2023

1. **National inventory report** of anthropogenic emissions by sources and removals by sinks of GHGs (MPGs, para. 17-58)
2. Information necessary to **track progress made in implementing and achieving NDCs** under Article 4 of the Paris Agreement (MPGs, para. 59-103)
3. Information related to climate change **impacts and adaptation** under Article 7 of the Paris Agreement (MPGs, para. 104-117)
4. Information on financial, technology development and transfer and capacity-building **support provided and mobilized** under Articles 9–11 of the Paris Agreement (MPGs, para. 118-129)
5. Information on financial, technology development and transfer and capacity-building **support needed and received** under Articles 9–11 of the Paris Agreement (MPGs, para. 130-145)
6. Information to be reported when NCs and BTRs are submitted jointly every four years (1/CP.24, para. 43)(**vulnerability assessment, cc impacts and adaptation** measures-if not reported in section III; RSO; education, training and public awareness)
7. Information on **flexibility** (MPGs, para. 6) (Indication of (1) reporting provisions to which self-determined flexibility is applied, (2) capacity constraints in relation to the application of flexibility and (3) self-determined estimated time frames for improvements in relation to those capacity constraints)
8. **Improvements in reporting** over time (MPGs, para. 7-8) (areas of improvement, how these will be addressed, which areas are related to flexibility provisions, reporting-related CB support needs)
9. Any **other information** the Party considers relevant to the achievement of the objective of the Paris Agreement, and suitable for inclusion in its BTR

Annexes: (i) Technical annexes for REDD+, as applicable; (ii) CRTs for electronic reporting of NIR; (iii) CTFs for electronic reporting of tracking progress in NDCs, FTC support provided/mobilized and/or needed and received; (iv) Information in relation to the Party's participation in cooperative approaches, as applicable

Executive Summary (including six sub-sections)

1. National circumstances, institutional arrangements and cross-cutting Information (including nine sub-sections)
2. Trends in greenhouse gas emissions and removals (including two sub-sections)
3. Energy (CRT Sector 1) (including six sub-sections)
4. Industrial processes and product use (CRT sector 2) (including two sub-sections)
5. Agriculture (CRT sector 3) (including two sub-sections)
6. Land use, land-use change and forestry (CRT sector 4) (including four sub-sections)
7. Waste (CRT sector 5) (including two sub-sections)
8. Other (CRT sector 6) (if applicable)
9. Indirect carbon dioxide and nitrous oxide emissions (related to nonmandatory provisions as per para. 52 of the MPGs) (including six sub-sections)
10. Recalculations and improvements (including six sub-sections)

Annex I: Key categories (flexibility provided to those developing country Parties that need it in the light of their capacities as per para. 25 of the MPGs)

Annex II: Uncertainty assessment (flexibility provided to those developing country Parties that need it in the light of their capacities as per para. 29 of the MPGs)

Annex III: Detailed description of the reference approach (including inputs to the reference approach such as the national energy balance) and the results of the comparison of national estimates of emissions with those obtained using the reference approach (related to a nonmandatory provision as per para. 36 of the MPGs)

Annex IV: QA/QC plan (related to a non-mandatory provision as per para. 35 of the MPGs, with flexibility provided to those developing country Parties that need it in the light of their capacities as per paras. 34–35 of the MPGs)

Annex V: Any additional information, as applicable, including detailed methodological descriptions of source or sink categories and the national emission balance

Annex VI: Common reporting tables

Overview of common reporting tables

Tables 1	Sectoral report for energy 11 background tables for energy
Tables 2	2 sectoral reports for industrial processes and product use (IPPU) 3 background tables for IPPU
Tables 3	Sectoral report for agriculture 8 background tables for agriculture
Tables 4	Sectoral report for land use, land-use change and forestry (LULUCF) 13 background tables for LULUCF
Tables 5	Sectoral report for waste 4 background tables for Waste
'Summary'	3 summary reports (sources and sinks; CO ₂ equivalents; methods and emission factors)
Tables 6-9	5 cross-cutting reports (indirect emissions; key categories; recalculations; completeness)
Tables 10	6 trend tables (CO ₂ equivalents; CO ₂ ; CH ₄ ; N ₂ O; fluorinated gases; summary)
'Flex'	Summary table on the use of flexibility provisions

TABLE 2(I) SECTORAL REPORT FOR INDUSTRIAL PROCESSES AND PRODUCT USE
(Sheet 1 of 1)

Year
Submission
Country

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GREENHOUSE GAS SOURCE AND SINK CATEGORY	CO ₂	CH ₄	N ₂ O	HFCs ⁽¹⁾	PFCs ⁽¹⁾	Unspecifie d mix of HFCs and PFCs ⁽¹⁾	SF ₆	NF ₃	NO _x	CO	NM VOC	SO _x	Total GHG emissions ⁽²⁾
	(kt)			CO ₂ equivalent (kt) ⁽³⁾			(kt)					CO ₂ equivalents (kt) ⁽³⁾	
2. Total industrial processes													
2.A. Mineral industry													
2.A.1. Cement production													
2.A.2. Lime production													
2.A.3. Glass production													
2.A.4. Other process uses of carbonates													
2.B. Chemical industry													
2.B.1. Ammonia production													
2.B.2. Nitric acid production													
2.B.3. Adipic acid production													
2.B.4. Caprolactam, glyoxal and glyoxylic acid production													
2.B.5. Carbide production													
2.B.6. Titanium dioxide production													
2.B.7. Soda ash production													
2.B.8. Petrochemical and carbon black production													
2.B.9. Fluorochemical production													
2.B.10. Other													
2.C. Metal industry													
2.C.1. Iron and steel production													

TABLE 3.A SECTORAL BACKGROUND DATA FOR AGRICULTURE

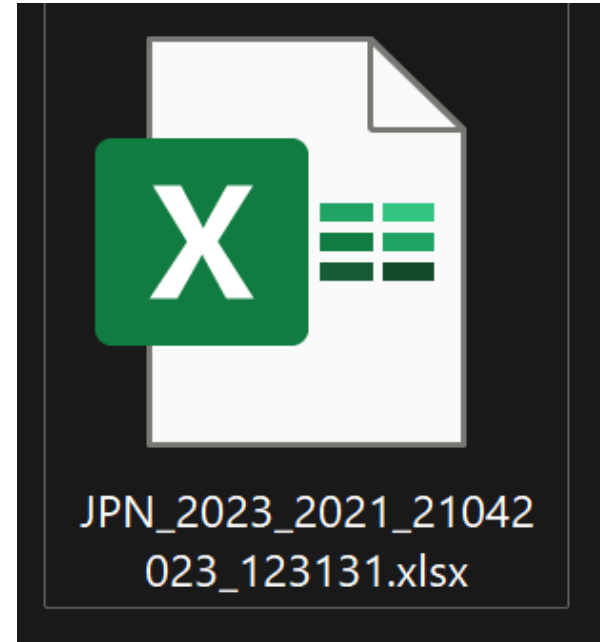
Year
Submission
Country

Enteric Fermentation
(Sheet 1 of 1)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	ACTIVITY DATA AND OTHER RELATED INFORMATION			IMPLIED EMISSION FACTORS	EMISSIONS
	Population size ⁽¹⁾ (1000s)	Average gross energy intake (GE) (MJ/head/day)	Average CH ₄ conversion rate (Y _m) ⁽²⁾ (%)	CH ₄ (kg CH ₄ /head/yr)	CH ₄ (kt)
3.A.1. Cattle					
<i>Option A:</i>					
3.A.1.a. Dairy cattle					
3.A.1.b. Non-dairy cattle					
<i>Option B (country-specific):⁽³⁾</i>					
3.A.1.a. Other					
<i>Drop-down list:</i>					
3.A.1.a.i. Mature dairy cattle					
3.A.1.a.ii. Other mature cattle					
3.A.1.a.iii. Growing cattle					
3.A.1.a.iv. Other (please specify)					
3.A.2. Sheep					
3.A.2.a. Other (please specify)					
3.A.3. Swine					
3.A.3.a. Other (please specify)					

Demonstration of CRTs





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CBIT-GSP

Asia Network Coordinator

Jaypalsinh CHAUHAN

jaypalsinh.chauhan@un.org



CBIT-GSP

Global Coordinator

Fatima-Zahra TAIBI

fatima-zahra.taibi@un.org



CBIT-GSP

Project Officer

Susanne KONRAD

susanne.konrad@un.org



CBIT-GSP

Transparency Officer

Khetsiwe KHUMALO

khetsiwe.khumalo@un.org



CBIT-GSP

Project Officer

Juliette LUNEL

juliette.lunel@un.org