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Report on the simplified review of the national inventory report of Japan submitted in 2025

Summary

This report presents the results of the simplified review of the 2025 national inventory report of Japan, conducted by the secretariat in accordance with the modalities, procedures and guidelines for the transparency framework for action and support referred to in Article 13 of the Paris Agreement.

Abbreviations and acronyms

C_2F_6	hexafluoroethane
C_3F_8	octafluoropropane
CF_4	tetrafluoromethane
CH_4	methane
CO_2	carbon dioxide
CO_2 eq	carbon dioxide equivalent
CRT	common reporting table
GHG	greenhouse gas
HFC	hydrofluorocarbon
HWP	harvested wood products
IE	included elsewhere
IEF	implied emission factor
LULUCF	land use, land-use change and forestry
MPGs	modalities, procedures and guidelines for the transparency framework for action and support referred to in Article 13 of the Paris Agreement
N_2O	nitrous oxide
NA	not applicable
NE	not estimated
NF_3	nitrogen trifluoride
NIR	national inventory report
NO	not occurring
PFC	perfluorocarbon
SF_6	sulfur hexafluoride

I. Introduction

1. This report covers the simplified review of the NIR of Japan submitted in 2025. The review was conducted by the secretariat in accordance with the MPGs,[1] particularly chapter VII thereof, and the simplified review procedures.[2]

2. On 21 May 2025 a draft version of this report was transmitted to the Government of Japan, which provided comments on individual findings on 18 June 2025 that were addressed by the secretariat and incorporated, as appropriate, in this final version of the report.[3] Japan did not provide any general comments on the report.

3. The secretariat conducted the simplified review of Japan's NIR, which involved an initial assessment of completeness and consistency with the MPGs.[4]

4. The findings of the initial assessment, presented in the annex, are the result of automated checks and do not necessarily indicate issues of completeness or consistency of the Party's reporting with the MPGs.

5. This report, including the findings listed in the annex and any comments provided by the Party (see para. 2 above), will be made available to and considered by the technical expert review team as part of the subsequent technical expert review of Japan's NIR.[5]

II. Initial assessment of completeness and consistency with the modalities, procedures and guidelines

A. Summary of findings

6. The table below provides a summary of the findings of the initial assessment by the secretariat. Tables I.1–I.7 list the findings and include detailed information on each one.

Summary of the initial assessment

Area of review	*Description*	*Assessment*
Dates of submission	2025 submission: CRTs, 25 April 2025	
	2024 submission: CRTs, 4 December 2024	
Recalculations	Recalculations that have changed estimated total GHG emissions or removals (excluding LULUCF) by more than 2 per cent for categories or subcategories above the threshold of significance (**500.00 kt CO_2 eq** for 2023)[a]	
	Recalculations for 2013 (the reference year for the Party's nationally determined contribution) and 2022 since the previous submission	See table I.1
Completeness	Detection of notation key "NE", or of missing gases or sectors in CRT 10 emission trends summary	See table I.2
Notation keys	Changes in notation keys reported for 2013 and 2022 since the previous submission	See table I.3
Sectoral and reference approaches	Difference in estimated energy consumption or CO_2 emissions, by fuel type, of more than 5 per cent between the reference and sectoral approaches for the latest reported year (2023)	See table I.4
Time-series consistency	The time series of emissions is assessed by calculating inter-annual changes for each category and gas and converting them to CO_2 eq. Inter-annual changes exceeding the significance	See table I.5

[1] Decision 18/CMA.1, annex.
[2] Contained in paras. 15–19 of the conclusions and recommendations from the 2023 joint meeting of lead reviewers, available at https://unfccc.int/documents/627213.
[3] As per para. 163 of the MPGs.
[4] As per para. 155 of the MPGs.
[5] As per para. 155 of the MPGs.

Area of review	*Description*	*Assessment*
	threshold are evaluated using the z-score method,[b] where outliers are identified as values exceeding a z-score of 3, based on the statistical distribution of the full time series	
IEFs	Comparison of IEFs reported for any significant subcategories under key categories with the range of IEFs reported by developed country Parties for the latest inventory year (2023) in their 2025 submission[c]	See table I.6
Key categories	New key categories identified since the previous submission for level (latest year) and trend	See table I.7
Previous areas of improvement	Status of implementation of previous areas of improvement identified in the latest report on the technical expert review of the Party's biennial transparency report	NA[d]

[a] Threshold calculated by the secretariat as 0.05 per cent of the national total GHG emissions for 2023, excluding LULUCF, or 500 kt CO_2 eq, whichever is lower (see para. 32 of the MPGs).

[b] Statistical measure that indicates how many standard deviations a data point is from the mean.

[c] Range defined by the median plus or minus two times the standard deviation, calculated from all available data points per category.

[d] As at the time of publication of this report, information on status of implementation of previous areas of improvement was not yet available.

B. Comments of the Party on the initial assessment

7. The Party did not provide any general comments.

Annex

Findings of the initial assessment of Japan's 2025 national inventory report

Tables I.1–I.7 detail the findings of the initial assessment by the secretariat of the Party's NIR.

Table I.1
Findings on recalculations

ID#	*Category*	*CRT*	*Gas*	*Inventory year*	*Estimate in latest submission (2025)*	*Estimate in previous submission (2024)*	*Difference*	*Unit*	*Difference (%)*	*Difference (kt CO_2 eq)*
I.1.1.	1.A.2.g. Other	Table1	CO_2	2013	30 086.38	31 842.04	–1 755.66	kt	–5.5	–1 755.66
I.1.2.	1.A.2.e. Food processing, beverages and tobacco	Table1	CO_2	2022	7 660.09	8 217.92	–557.84	kt	–6.8	–557.84
I.1.3.	1.A.2.f. Non-metallic minerals	Table1	CO_2	2022	22 294.14	22 817.80	–523.66	kt	–2.3	–523.66
I.1.4.	1.A.2.g. Other	Table1	CO_2	2022	26 305.74	28 509.50	–2 203.76	kt	–7.7	–2 203.76
I.1.5.	1.A.4.a. Commercial/institutional	Table1	CO_2	2022	62 349.93	65 232.86	–2 882.93	kt	–4.4	–2 882.93
I.1.6.	1.A.4.c. Agriculture/forestry/fishing	Table1	CO_2	2022	16 633.55	12 767.98	3 865.57	kt	30.3	3 865.57
I.1.7.	2.F.1. Refrigeration and air conditioning	Table2(I)	HFCs	2013	19 229.63	27 521.34	–8 291.71	kt CO_2 eq	–30.1	–8 291.71
I.1.8.	2.F.1. Refrigeration and air conditioning	Table2(I)	HFCs	2022	29 663.28	42 810.33	–13 147.05	kt CO_2 eq	–30.7	–13 147.05
I.1.9.	2.F.1. Refrigeration and air conditioning	Table2(II)	Unspecified mix of HFCs	2013	10 751.76	19 043.47	–8 291.71	kt CO_2 eq	–43.5	–8 291.71
I.1.10.	2.F.1. Refrigeration and air conditioning	Table2(II)	Unspecified mix of HFCs	2022	17 384.87	30 536.81	–13 151.93	kt CO_2 eq	–43.1	–13 151.93
I.1.11.	4.B.1. Cropland remaining cropland	Table4	Net CO_2 emissions/removals	2013	4 434.02	5 347.63	–913.60	kt CO_2 eq	–17.1	–913.60
I.1.12.	4.C.1. Grassland remaining grassland	Table4	Net CO_2 emissions/removals	2013	–57.68	902.07	–959.75	kt CO_2 eq	–106.4	–959.75
I.1.13.	5.C.1. Waste incineration	Table5	CO_2	2013	10 452.31	12 199.79	–1 747.49	kt	–14.3	–1 747.49
I.1.14.	5.C.1. Waste incineration	Table5	CO_2	2022	9 444.87	10 225.80	–780.93	kt	–7.6	–780.93

Table I.2
Findings on completeness

ID#	*Sector, category or gas*	*CRT*	*Gas*	*Inventory year*	*Notation key*	*Finding type*
I.2.1.	1.B.1.a. Coal mining and handling	Table1	N_2O	2013	NE	Reporting of "NE" detected
I.2.2.	1.C.2. Injection and storage	Table1	CO_2	2013	NE, NO	Reporting of "NE" detected

ID#	*Sector, category or gas*	*CRT*	*Gas*	*Inventory year*	*Notation key*	*Finding type*
I.2.3.	1.C.2. Injection and storage	Table1	Total GHG emissions	2013	NE, NO	Reporting of “NE” detected
I.2.4.	1.B.1.a. Coal mining and handling	Table1	N_2O	2023	NE	Reporting of “NE” detected
I.2.5.	1.C.2. Injection and storage	Table1	CO_2	2023	NE, NO	Reporting of “NE” detected
I.2.6.	1.C.2. Injection and storage	Table1	Total GHG emissions	2023	NE, NO	Reporting of “NE” detected
I.2.7.	2.B.1. Ammonia production	Table2(I)	CH_4	2013	NE	Reporting of “NE” detected
I.2.8.	2.C.7. Other	Table2(I)	CO_2	2013	NE	Reporting of “NE” detected
I.2.9.	2.C.7. Other	Table2(I)	PFCs	2013	NE, NO	Reporting of “NE” detected
I.2.10.	2.C.7. Other	Table2(I)	Total GHG emissions	2013	NA, NE, NO	Reporting of “NE” detected
I.2.11.	2.D.1. Lubricant use	Table2(I)	CH_4	2013	NE	Reporting of “NE” detected
I.2.12.	2.D.1. Lubricant use	Table2(I)	N_2O	2013	NE	Reporting of “NE” detected
I.2.13.	2.D.2. Paraffin wax use	Table2(I)	CH_4	2013	NE	Reporting of “NE” detected
I.2.14.	2.D.2. Paraffin wax use	Table2(I)	N_2O	2013	NE	Reporting of “NE” detected
I.2.15.	2.D.3. Other	Table2(I)	CH_4	2013	NE, NO	Reporting of “NE” detected
I.2.16.	2.D.3. Other	Table2(I)	N_2O	2013	NE, NO	Reporting of “NE” detected
I.2.17.	2.B.1. Ammonia production	Table2(I)	CH_4	2023	NE	Reporting of “NE” detected
I.2.18.	2.C.7. Other	Table2(I)	CO_2	2023	NE	Reporting of “NE” detected
I.2.19.	2.C.7. Other	Table2(I)	PFCs	2023	NE, NO	Reporting of “NE” detected
I.2.20.	2.C.7. Other	Table2(I)	Total GHG emissions	2023	NA, NE, NO	Reporting of “NE” detected
I.2.21.	2.D.1. Lubricant use	Table2(I)	CH_4	2023	NE	Reporting of “NE” detected
I.2.22.	2.D.1. Lubricant use	Table2(I)	N_2O	2023	NE	Reporting of “NE” detected
I.2.23.	2.D.2. Paraffin wax use	Table2(I)	CH_4	2023	NE	Reporting of “NE” detected
I.2.24.	2.D.2. Paraffin wax use	Table2(I)	N_2O	2023	NE	Reporting of “NE” detected
I.2.25.	2.D.3. Other	Table2(I)	CH_4	2023	NE, NO	Reporting of “NE” detected
I.2.26.	2.D.3. Other	Table2(I)	N_2O	2023	NE, NO	Reporting of “NE” detected
I.2.27.	2.C.7. Other	Table2(II)	CF_4	2013	NE, NO	Reporting of “NE” detected
I.2.28.	2.C.7. Other	Table2(II)	C_2F_6	2013	NE, NO	Reporting of “NE” detected
I.2.29.	2.C.7. Other	Table2(II)	C_3F_8	2013	NE, NO	Reporting of “NE” detected
I.2.30.	2.C.7. Other	Table2(II)	CF_4	2023	NE, NO	Reporting of “NE” detected
I.2.31.	2.C.7. Other	Table2(II)	C_2F_6	2023	NE, NO	Reporting of “NE” detected
I.2.32.	2.C.7. Other	Table2(II)	C_3F_8	2023	NE, NO	Reporting of “NE” detected
I.2.33.	4.D.1. Wetlands remaining wetlands	Table4	CH_4	2013	NA, NE	Reporting of “NE” detected
I.2.34.	4.D.1. Wetlands remaining wetlands	Table4	N_2O	2013	NA, NE	Reporting of “NE” detected
I.2.35.	4.D.2. Land converted to wetlands	Table4	CH_4	2013	NA, NE	Reporting of “NE” detected
I.2.36.	4.D.2. Land converted to wetlands	Table4	N_2O	2013	NA, NE	Reporting of “NE” detected
I.2.37.	4.D.1. Wetlands remaining wetlands	Table4	CH_4	2023	NA, NE	Reporting of “NE” detected
I.2.38.	4.D.1. Wetlands remaining wetlands	Table4	N_2O	2023	NA, NE	Reporting of “NE” detected
I.2.39.	4.D.2. Land converted to wetlands	Table4	CH_4	2023	NA, NE	Reporting of “NE” detected

ID#	Sector, category or gas	CRT	Gas	Inventory year	Notation key	Finding type
I.2.40.	4.D.2. Land converted to wetlands	Table4	N_2O	2023	NA, NE	Reporting of “NE” detected
I.2.41.	5.B.2. Anaerobic digestion at biogas facilities	Table5	CH_4	2013	NE	Reporting of “NE” detected
I.2.42.	5.B.2. Anaerobic digestion at biogas facilities	Table5	Total GHG emissions	2013	NE, NO	Reporting of “NE” detected
I.2.43.	5.F.1. Long-term storage of carbon in waste disposal sites	Table5	CO_2	2013	NE	Reporting of “NE” detected
I.2.44.	5.F.1. Long-term storage of carbon in waste disposal sites	Table5	Total GHG emissions	2013	NE	Reporting of “NE” detected
I.2.45.	5.F.2. Annual change in total long-term carbon storage	Table5	CO_2	2013	NE	Reporting of “NE” detected
I.2.46.	5.F.2. Annual change in total long-term carbon storage	Table5	Total GHG emissions	2013	NE	Reporting of “NE” detected
I.2.47.	5.F.3. Annual change in total long-term carbon storage in HWP waste	Table5	CO_2	2013	NE	Reporting of “NE” detected
I.2.48.	5.F.3. Annual change in total long-term carbon storage in HWP waste	Table5	Total GHG emissions	2013	NE	Reporting of “NE” detected
I.2.49.	5.B.2. Anaerobic digestion at biogas facilities	Table5	CH_4	2023	NE	Reporting of “NE” detected
I.2.50.	5.B.2. Anaerobic digestion at biogas facilities	Table5	Total GHG emissions	2023	NE, NO	Reporting of “NE” detected
I.2.51.	5.F.1. Long-term storage of carbon in waste disposal sites	Table5	CO_2	2023	NE	Reporting of “NE” detected
I.2.52.	5.F.1. Long-term storage of carbon in waste disposal sites	Table5	Total GHG emissions	2023	NE	Reporting of “NE” detected
I.2.53.	5.F.2. Annual change in total long-term carbon storage	Table5	CO_2	2023	NE	Reporting of “NE” detected
I.2.54.	5.F.2. Annual change in total long-term carbon storage	Table5	Total GHG emissions	2023	NE	Reporting of “NE” detected
I.2.55.	5.F.3. Annual change in total long-term carbon storage in HWP waste	Table5	CO_2	2023	NE	Reporting of “NE” detected
I.2.56.	5.F.3. Annual change in total long-term carbon storage in HWP waste	Table5	Total GHG emissions	2023	NE	Reporting of “NE” detected
I.2.57.	Unspecified mix of HFCs and PFCs	Table10s6	–	2013	NA, NO	Gas or sector not reported
I.2.58.	Unspecified mix of HFCs and PFCs	Table10s6	–	2023	NA, NO	Gas or sector not reported
I.2.59.	6. Other	Table10s6	–	2013	NA, NO	Gas or sector not reported
I.2.60.	6. Other	Table10s6	–	2023	NA, NO	Gas or sector not reported

Table I.3
Changes in notation keys reported since the previous submission

ID#	*Category*	*CRT*	*Gas*	*Inventory year*	*Notation key reported in latest submission (2025)*	*Notation key reported in previous submission (2024)*
I.3.1.	1.C.2. Injection and storage	Table1	CO_2	2013	NE, NO	NO
I.3.2.	1.C.2. Injection and storage	Table1	Total GHG emissions	2013	NE, NO	NO
I.3.3.	1.C.2. Injection and storage	Table1	CO_2	2022	NE, NO	NO
I.3.4.	1.C.2. Injection and storage	Table1	Total GHG emissions	2022	NE, NO	NO
I.3.5.	2.E.4. Heat transfer fluid	Table2(I)	Total GHG emissions	2013	IE, NA	IE, NA, NO
I.3.6.	2.E.4. Heat transfer fluid	Table2(I)	Total GHG emissions	2022	IE, NA	IE, NA, NO
I.3.7.	2.C.7. Other	Table2(II)	CF_4	2013	NE, NO	NE
I.3.8.	2.C.7. Other	Table2(II)	C_2F_6	2013	NE, NO	NE
I.3.9.	2.C.7. Other	Table2(II)	C_3F_8	2013	NE, NO	NE
I.3.10.	2.E.2. Thin-film-transistor flat panel display	Table2(II)	Unspecified mix of HFCs	2013	NA	1.98
I.3.11.	2.E.5. Other	Table2(II)	Unspecified mix of PFCs	2013	IE, NO	IE
I.3.12.	2.C.7. Other	Table2(II)	CF_4	2022	NE, NO	NE
I.3.13.	2.C.7. Other	Table2(II)	C_2F_6	2022	NE, NO	NE
I.3.14.	2.C.7. Other	Table2(II)	C_3F_8	2022	NE, NO	NE
I.3.15.	2.E.2. Thin-film-transistor flat panel display	Table2(II)	Unspecified mix of HFCs	2022	NA	1.43
I.3.16.	2.E.5. Other	Table2(II)	Unspecified mix of PFCs	2022	IE, NO	IE

Table I.4
Differences between the sectoral and reference approaches for the latest reported year

ID#	*CRT table*	*Fuel type*	*Description*	*Difference between reference and sectoral approaches (%)*
I.4.1.	Table1.A(c)	Gaseous fuels	Energy consumption	–5.1
I.4.2.	Table1.A(c)	Gaseous fuels	CO_2 emissions	–5.5

Table I.5
Findings on time-series consistency

ID#	*Category*	*CRT*	*Gas*	*Year 1*	*Year 2*	*Value 1*	*Value 2*	*Difference*	*Unit*	*Difference (CO_2 eq)*	*Difference (%)*	*Z-score*
I.5.1.	1.A.1.b. Petroleum refining	Table1	CO_2	2019	2020	35 339.91	28 917.57	–6 422.34	kt	–6 422.34	–18.2	–3.2
I.5.2.	1.A.2.c. Chemicals	Table1	CO_2	1997	1998	65 137.64	55 321.45	–9 816.18	kt	–9 816.18	–15.1	–3.8
I.5.3.	1.A.2.f. Non-metallic minerals	Table1	CO_2	1997	1998	45 366.71	40 554.24	–4 812.46	kt	–4 812.46	–10.6	–3.3

ID#	Category	CRT	Gas	Year 1	Year 2	Value 1	Value 2	Difference	Unit	Difference (CO_2 eq)	Difference (%)	Z-score
I.5.4.	1.A.3.a. Domestic aviation	Table1	CO_2	2019	2020	10 487.59	5 237.79	–5 249.80	kt	–5 249.80	–50.1	–4.6
I.5.5.	1.A.3.b. Road transportation	Table1	CO_2	2019	2020	177 363.10	160 907.16	–16 455.94	kt	–16 455.94	–9.3	–3.1
I.5.6.	1.B.1.a. Coal mining and handling	Table1	CH_4	1991	1992	178.14	144.46	–33.68	kt	–942.97	–18.9	–3.4
I.5.7.	1.D.1.a. Aviation	Table1	CO_2	2019	2020	21 709.25	8 533.75	–13 175.50	kt	–13 175.50	–60.7	–4.6
I.5.8.	1.D.1.b. Navigation	Table1	CO_2	1995	1996	20 995.27	12 402.30	–8 592.98	kt	–8 592.98	–40.9	–4.2
I.5.9.	2.A.2. Lime production	Table2(I)	CO_2	2008	2009	6 591.82	5 364.60	–1 227.22	kt	–1 227.22	–18.6	–3.0
I.5.10.	2.B.3. Adipic acid production	Table2(I)	N_2O	1998	1999	25.12	3.98	–21.14	kt	–5 601.08	–84.1	–4.4
I.5.11.	2.B.9. Fluorochemical production	Table2(I)	SF_6	1996	1997	0.18	0.11	–0.07	kt	–1 574.50	–38.3	–3.6
I.5.12.	2.B.9. Fluorochemical production	Table2(I)	NF_3	2004	2005	0.01	0.07	0.06	kt	1 030.40	790.1	4.3
I.5.13.	2.G.1. Electrical equipment	Table2(I)	SF_6	1998	1999	0.39	0.21	–0.17	kt	–4 087.17	–44.9	–4.2
I.5.14.	2.B.9. Fluorochemical production	Table2(II)	SF_6	1996	1997	175.00	108.00	–67.00	t	–1 574.50	–38.3	–3.6
I.5.15.	2.B.9. Fluorochemical production	Table2(II)	NF_3	2004	2005	8.10	72.10	64.00	t	1 030.40	790.1	4.3
I.5.16.	2.B.9.b. Fugitive emissions	Table2(II)	SF_6	1996	1997	175.00	108.00	–67.00	t	–1 574.50	–38.3	–3.6
I.5.17.	2.B.9.b. Fugitive emissions	Table2(II)	NF_3	2004	2005	8.10	72.10	64.00	t	1 030.40	790.1	4.3
I.5.18.	2.G.1. Electrical equipment	Table2(II)	SF_6	1998	1999	386.95	213.03	–173.92	t	–4 087.17	–44.9	–4.2
I.5.19.	4.A.2. Land converted to forest land	Table4	Net CO_2 emissions/removals	1990	1991	–9 577.42	–7 856.46	1 720.96	kt CO_2 eq	1 720.96	–18.0	3.7
I.5.20.	4.B.1. Cropland remaining cropland	Table4	Net CO_2 emissions/removals	2007	2008	5 932.15	11 077.07	5 144.91	kt CO_2 eq	5 144.91	86.7	3.0
I.5.21.	4.C.1. Grassland remaining grassland	Table4	Net CO_2 emissions/removals	2013	2014	–57.68	1 729.16	1 786.84	kt CO_2 eq	1 786.84	–3 097.8	3.3
I.5.22.	4.E.2. Land converted to settlements	Table4	Net CO_2 emissions/removals	1992	1993	11 776.67	10 445.24	–1 331.43	kt CO_2 eq	–1 331.43	–11.3	–3.1

Table I.6

Comparison between implied emission factors reported for key categories and the range of implied emission factors from the 2025 national inventory reports of developed country Parties

ID#	Category	CRT	Gas	Unit	IEF reported	Comparison
I.6.1.	1.A.1. Energy industries – gaseous fuels	Table1.A(a)s1	CO_2	t/TJ	50.801	Below range
I.6.2.	1.A.2. Manufacturing industries and construction – gaseous fuels	Table1.A(a)s2	CO_2	t/TJ	51.215	Below range
I.6.3.	1.A.3.a. Domestic aviation – jet kerosene	Table1.A(a)s3	CO_2	t/TJ	68.244	Below range
I.6.4.	1.A.3.b. Road transportation – gasoline	Table1.A(a)s3	CO_2	t/TJ	67.727	Below range
I.6.5.	1.A.3.b. Road transportation – liquefied petroleum gases	Table1.A(a)s3	CO_2	t/TJ	59.936	Below range
I.6.6.	1.A.3.b. Road transportation – biomass	Table1.A(a)s3	CO_2	t/TJ	64.423	Below range

ID#	*Category*	*CRT*	*Gas*	*Unit*	*IEF reported*	*Comparison*
I.6.7.	1.A.3.d. Domestic navigation – gas/diesel oil	Table1.A(a)s3	CO_2	t/TJ	68.825	Below range
I.6.8.	1.A.4. Other sectors – liquid fuels	Table1.A(a)s4	CO_2	t/TJ	67.103	Below range
I.6.9.	1.A.4. Other sectors – gaseous fuels	Table1.A(a)s4	CO_2	t/TJ	51.415	Below range
I.6.10.	2.A.2. Lime production	Table2(I).A-H	CO_2	t/t	0.428	Below range
I.6.11.	2.C.1.a. Steel	Table2(I).A-H	CO_2	t/t	3.664	Above range
I.6.12.	2.F.1.e. Mobile air conditioning – HFC-125	Table2(II).B-Hs2	Product manufacturing factor	%	0.200	Below range
I.6.13.	2.F.1.d. Transport refrigeration – HFC-143a	Table2(II).B-Hs2	Product life factor	%	41.518	Above range
I.6.14.	2.F.1.b. Domestic refrigeration – HFC-134a	Table2(II).B-Hs2	Disposal loss factor	%	396.285	Above range
I.6.15.	2.F.1.e. Mobile air conditioning – HFC-32	Table2(II).B-Hs2	Disposal loss factor	%	881.955	Above range
I.6.16.	5.C.1.b.i. Municipal solid waste	Table5.C	CO_2	kg/t waste	2 451.044	Above range

Table I.7
Identification of new key categories

ID#	*New key category*	*Gas*	*Criteria*	*Inventory year*
I.7.1.	1.A.4. Other sectors – other fossil fuels	CO_2	Trend	2023