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## **Report on the simplified review of the national inventory report of New Zealand submitted in 2025**

### *Summary*

This report presents the results of the simplified review of the 2025 national inventory report of New Zealand, 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 <sub>2</sub> F <sub>6</sub>	hexafluoroethane
C <sub>3</sub> F <sub>8</sub>	octafluoropropane
CF <sub>4</sub>	tetrafluoromethane
CH <sub>4</sub>	methane
CO <sub>2</sub>	carbon dioxide
CO <sub>2</sub> eq	carbon dioxide equivalent
CRT	common reporting table
ETF	enhanced transparency framework under the Paris Agreement
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	nitrogen
N <sub>2</sub> O	nitrous oxide
NA	not applicable
NE	not estimated
NF <sub>3</sub>	nitrogen trifluoride
NIR	national inventory report
NO	not occurring
PFC	perfluorocarbon
SF <sub>6</sub>	sulfur hexafluoride

## I. Introduction

1. This report covers the simplified review of the NIR of New Zealand submitted in 2025. The review was conducted by the secretariat in accordance with the MPGs,<sup>1</sup> particularly chapter VII thereof, and the simplified review procedures.<sup>2</sup>
2. On 16 May 2025 a draft version of this report was transmitted to the Government of New Zealand,<sup>3</sup> which did not provide any comments on individual findings or any general comments on the report.
3. The secretariat conducted the simplified review of New Zealand's NIR, which involved an initial assessment of completeness and consistency with the MPGs.<sup>4</sup>
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 New Zealand's NIR.<sup>5</sup>

## 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, 15 April 2025 2024 submission: CRTs, 1 November 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 ( <b>38.21 kt CO<sub>2</sub> eq</b> for 2023) <sup>a</sup> Recalculations for 2005 (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 2005 and 2022 since the previous submission	See table I.3
Sectoral and reference approaches	Differences in estimated energy consumption or CO <sub>2</sub> 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 <sub>2</sub> eq. Inter-annual changes exceeding the significance threshold are evaluated using the z-score method, <sup>b</sup> where outliers	See table I.5

<sup>1</sup> Decision 18/CMA.1, annex.

<sup>2</sup> 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>.

<sup>3</sup> As per para. 163 of the MPGs.

<sup>4</sup> As per para. 155 of the MPGs.

<sup>5</sup> As per para. 155 of the MPGs.

<i>Area of review</i>	<i>Description</i>	<i>Assessment</i>
	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 <sup>c</sup>	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 <sup>d</sup>

<sup>a</sup> Threshold calculated by the secretariat as 0.05 per cent of the national total GHG emissions for 2023, excluding LULUCF, or 500 kt CO<sub>2</sub> eq, whichever is lower (see para. 32 of the MPGs).

<sup>b</sup> Statistical measure that indicates how many standard deviations a data point is from the mean.

<sup>c</sup> Range defined by the median plus or minus two times the standard deviation, calculated from all available data points per category.

<sup>d</sup> 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 New Zealand'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

<i>ID#</i>	<i>Category</i>	<i>CRT</i>	<i>Gas</i>	<i>Inventory year</i>	<i>Estimate in latest submission (2025)</i>	<i>Estimate in previous submission (2024)</i>	<i>Difference Unit</i>	<i>Difference (%)</i>	<i>Difference (kt CO<sub>2</sub> eq)</i>
I.1.1.	1.A.1.a. Public electricity and heat production	Table1	CO <sub>2</sub>	2022	2 885.59	2 699.46	186.13 kt	6.9	186.13
I.1.2.	1.A.2.d. Pulp, paper and print	Table1	CO <sub>2</sub>	2022	345.39	240.75	104.64 kt	43.5	104.64
I.1.3.	1.A.2.f. Non-metallic minerals	Table1	CO <sub>2</sub>	2022	427.21	388.12	39.09 kt	10.1	39.09
I.1.4.	1.A.3.d. Domestic navigation	Table1	CO <sub>2</sub>	2022	129.16	53.50	75.66 kt	141.4	75.66
I.1.5.	1.D.3. CO <sub>2</sub> emissions from biomass	Table1	CO <sub>2</sub>	2022	4 729.93	4 394.26	335.67 kt	7.6	335.67
I.1.6.	2.F.1. Refrigeration and air conditioning	Table2(I)	HFCs	2022	1 364.01	1 422.69	–58.67 kt CO <sub>2</sub> eq	–4.1	–58.67
I.1.7.	2.F.1. Refrigeration and air conditioning	Table2(II)	HFC-134a	2022	298.84	333.54	–34.70 t	–10.4	–45.11
I.1.8.	3.A.4. Other livestock	Table3	CH <sub>4</sub>	2005	32.94	39.16	–6.22 kt	–15.9	–174.15
I.1.9.	3.A.4. Other livestock	Table3	CH <sub>4</sub>	2022	16.88	19.60	–2.72 kt	–13.9	–76.26
I.1.10.	3.D.1.a. Inorganic N fertilizers	Table3	N <sub>2</sub> O	2022	4.21	3.63	0.59 kt	16.2	155.45
I.1.11.	4.A.2. Land converted to forest land	Table4	Net CO <sub>2</sub> emissions/removals	2022	–2 250.91	–2 511.36	260.45 kt CO <sub>2</sub> eq	10.4	260.45
I.1.12.	4.C.2. Land converted to grassland	Table4	Net CO <sub>2</sub> emissions/removals	2022	2 210.26	2 308.45	–98.19 kt CO <sub>2</sub> eq	–4.3	–98.19
I.1.13.	5.A.1. Managed waste disposal sites	Table5	CH <sub>4</sub>	2005	77.14	85.45	–8.32 kt	–9.7	–232.89
I.1.14.	5.A.2. Unmanaged waste disposal sites	Table5	CH <sub>4</sub>	2005	33.21	63.66	–30.44 kt	–47.8	–852.41
I.1.15.	5.F.1. Long-term storage of carbon in waste disposal sites	Table5	CO <sub>2</sub>	2005	9 650.50	12 449.04	–2 798.54 kt	–22.5	–2 798.54
I.1.16.	5.F.2. Annual change in total carbon storage	Table5	CO <sub>2</sub>	2005	328.69	375.07	–46.39 kt	–12.4	–46.39
I.1.17.	5.F.3. Annual change in total carbon storage in HWP waste	Table5	CO <sub>2</sub>	2005	272.46	314.74	–42.28 kt	–13.4	–42.28
I.1.18.	5.A.1. Managed waste disposal sites	Table5	CH <sub>4</sub>	2022	50.56	40.06	10.50 kt	26.2	294.13
I.1.19.	5.A.2. Unmanaged waste disposal sites	Table5	CH <sub>4</sub>	2022	30.13	60.51	–30.39 kt	–50.2	–850.87
I.1.20.	5.F.1. Long-term storage of carbon in waste disposal sites	Table5	CO <sub>2</sub>	2022	14 424.63	18 006.21	–3 581.58 kt	–19.9	–3 581.58
I.1.21.	5.F.2. Annual change in total carbon storage	Table5	CO <sub>2</sub>	2022	292.41	333.83	–41.41 kt	–12.4	–41.41

<i>ID#</i>	<i>Category</i>	<i>CRT</i>	<i>Gas</i>	<i>Inventory year</i>	<i>Estimate in latest submission (2025)</i>	<i>Estimate in previous submission (2024)</i>	<i>Difference</i>	<i>Unit</i>	<i>Difference (%)</i>	<i>Difference (kt CO<sub>2</sub> eq)</i>
I.1.22.	5.F.3. Annual change in total carbon storage in HWP waste	Table5	CO <sub>2</sub>	2022	244.22	284.03	−39.81	kt	−14.0	−39.81

Table I.2  
Findings on completeness

<i>ID#</i>	<i>Sector, category or gas</i>	<i>CRT</i>	<i>Gas</i>	<i>Inventory year</i>	<i>Notation key</i>	<i>Finding type</i>
I.2.1.	1.B.1.a. Coal mining and handling	Table1	CO <sub>2</sub>	2005	NA, NE, NO	Reporting of “NE” detected
I.2.2.	1.C.1. Transport of CO <sub>2</sub>	Table1	CO <sub>2</sub>	2005	NA, NE, NO	Reporting of “NE” detected
I.2.3.	1.C.1. Transport of CO <sub>2</sub>	Table1	Total GHG emissions	2005	NA, NE, NO	Reporting of “NE” detected
I.2.4.	1.B.1.a. Coal mining and handling	Table1	CO <sub>2</sub>	2023	NA, NE, NO	Reporting of “NE” detected
I.2.5.	1.C.1. Transport of CO <sub>2</sub>	Table1	CO <sub>2</sub>	2023	NA, NE, NO	Reporting of “NE” detected
I.2.6.	1.C.1. Transport of CO <sub>2</sub>	Table1	Total GHG emissions	2023	NA, NE, NO	Reporting of “NE” detected
I.2.7.	2.G.2. SF <sub>6</sub> and PFCs from other product use	Table2(I)	PFCs	2005		NE Reporting of “NE” detected
I.2.8.	2.G.2. SF <sub>6</sub> and PFCs from other product use	Table2(II)	C <sub>2</sub> F <sub>6</sub>	2005		NE Reporting of “NE” detected
I.2.9.	2.G.2. SF <sub>6</sub> and PFCs from other product use	Table2(II)	C <sub>3</sub> F <sub>8</sub>	2005		NE Reporting of “NE” detected
I.2.10.	3.I. Other carbon-containing fertilizers	Table3	CO <sub>2</sub>	2005		NE Reporting of “NE” detected
I.2.11.	3.I. Other carbon-containing fertilizers	Table3	Total GHG emissions	2005		NE Reporting of “NE” detected
I.2.12.	3.I. Other carbon-containing fertilizers	Table3	CO <sub>2</sub>	2023		NE Reporting of “NE” detected
I.2.13.	3.I. Other carbon-containing fertilizers	Table3	Total GHG emissions	2023		NE Reporting of “NE” detected
I.2.14.	4.B.1. Cropland remaining cropland	Table4	CH <sub>4</sub>	2005	IE, NE	Reporting of “NE” detected
I.2.15.	4.B.1. Cropland remaining cropland	Table4	N <sub>2</sub> O	2005	IE, NE	Reporting of “NE” detected
I.2.16.	4.B.2. Land converted to cropland	Table4	CH <sub>4</sub>	2005		NE Reporting of “NE” detected
I.2.17.	4.D.1. Wetlands remaining wetlands	Table4	CH <sub>4</sub>	2005		NE Reporting of “NE” detected
I.2.18.	4.D.2. Land converted to wetlands	Table4	CH <sub>4</sub>	2005		NE Reporting of “NE” detected
I.2.19.	4.D.2. Land converted to wetlands	Table4	N <sub>2</sub> O	2005	IE, NE, NO	Reporting of “NE” detected
I.2.20.	4.E.1. Settlements remaining settlements	Table4	CH <sub>4</sub>	2005		NE Reporting of “NE” detected
I.2.21.	4.E.1. Settlements remaining settlements	Table4	N <sub>2</sub> O	2005	IE, NE, NO	Reporting of “NE” detected
I.2.22.	4.E.2. Land converted to settlements	Table4	CH <sub>4</sub>	2005		NE Reporting of “NE” detected
I.2.23.	4.F.2. Land converted to other land	Table4	CH <sub>4</sub>	2005		NE Reporting of “NE” detected
I.2.24.	4.B.1. Cropland remaining cropland	Table4	CH <sub>4</sub>	2023	IE, NE	Reporting of “NE” detected
I.2.25.	4.B.1. Cropland remaining cropland	Table4	N <sub>2</sub> O	2023	IE, NE	Reporting of “NE” detected
I.2.26.	4.B.2. Land converted to cropland	Table4	CH <sub>4</sub>	2023		NE Reporting of “NE” detected
I.2.27.	4.D.1. Wetlands remaining wetlands	Table4	CH <sub>4</sub>	2023		NE Reporting of “NE” detected

<i>ID#</i>	<i>Sector, category or gas</i>	<i>CRT</i>	<i>Gas</i>	<i>Inventory year</i>	<i>Notation key Finding type</i>
I.2.28.	4.D.2. Land converted to wetlands	Table4	CH <sub>4</sub>	2023	NE Reporting of “NE” detected
I.2.29.	4.D.2. Land converted to wetlands	Table4	N <sub>2</sub> O	2023	IE, NE, NO Reporting of “NE” detected
I.2.30.	4.E.1. Settlements remaining settlements	Table4	CH <sub>4</sub>	2023	NE Reporting of “NE” detected
I.2.31.	4.E.1. Settlements remaining settlements	Table4	N <sub>2</sub> O	2023	IE, NE, NO Reporting of “NE” detected
I.2.32.	4.E.2. Land converted to settlements	Table4	CH <sub>4</sub>	2023	NE Reporting of “NE” detected
I.2.33.	4.F.2. Land converted to other land	Table4	CH <sub>4</sub>	2023	NE Reporting of “NE” detected
I.2.34.	Unspecified mix of HFCs and PFCs	Table10s6	–	2005	NA, NO Gas or sector not reported
I.2.35.	Unspecified mix of HFCs and PFCs	Table10s6	–	2023	NA, NO Gas or sector not reported
I.2.36.	NF <sub>3</sub>	Table10s6	–	2005	NO Gas or sector not reported
I.2.37.	NF <sub>3</sub>	Table10s6	–	2023	NO Gas or sector not reported

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

<i>ID#</i>	<i>Category</i>	<i>CRT</i>	<i>Gas</i>	<i>Inventory year</i>	<i>Notation key reported in latest submission (2025)</i>	<i>Notation key reported in previous submission (2024)</i>
I.3.1.	1.C.1. Transport of CO <sub>2</sub>	Table1	CO <sub>2</sub>	2005	NA, NE, NO	NO
I.3.2.	1.C.1. Transport of CO <sub>2</sub>	Table1	Total GHG emissions	2005	NA, NE, NO	NO
I.3.3.	1.C.3. Other	Table1	CO <sub>2</sub>	2005	–	NO
I.3.4.	1.C.3. Other	Table1	Total GHG emissions	2005	–	NO
I.3.5.	1.C.1. Transport of CO <sub>2</sub>	Table1	CO <sub>2</sub>	2022	NA, NE, NO	NO
I.3.6.	1.C.1. Transport of CO <sub>2</sub>	Table1	Total GHG emissions	2022	NA, NE, NO	NO
I.3.7.	1.C.3. Other	Table1	CO <sub>2</sub>	2022	–	NO
I.3.8.	1.C.3. Other	Table1	Total GHG emissions	2022	–	NO

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

<i>ID#</i>	<i>CRT table</i>	<i>Fuel type</i>	<i>Description</i>	<i>Difference between reference and sectoral approaches (%)</i>
I.4.1.	Table1.A(c)	Solid fuels (excluding international bunkers)	Energy consumption	–11.7
I.4.2.	Table1.A(c)	Solid fuels (excluding international bunkers)	CO <sub>2</sub> emissions	–11.0
I.4.3.	Table1.A(c)	Other fossil fuels	Energy consumption	–100.0
I.4.4.	Table1.A(c)	Other fossil fuels	CO <sub>2</sub> emissions	–100.0

Table I.5  
Findings on time-series consistency

ID#	Category	CRT	Gas	Year 1	Year 2	Value 1	Value 2	Difference	Unit	Difference (CO <sub>2</sub> eq)	Difference (%)	Z-score
I.5.1.	1.A.1.b. Petroleum refining	Table1	CO <sub>2</sub>	2021	2022	689.89	165.89	-524.00	kt	-524.00	-76.0	-4.8
I.5.2.	1.A.2.b. Non-ferrous metals	Table1	CO <sub>2</sub>	2012	2013	59.55	146.31	86.77	kt	86.77	145.7	3.4
I.5.3.	1.A.2.c. Chemicals	Table1	CO <sub>2</sub>	2002	2003	2 227.31	1 219.22	-1 008.09	kt	-1 008.09	-45.3	-3.3
I.5.4.	1.A.2.d. Pulp, paper and print	Table1	CO <sub>2</sub>	2003	2004	444.32	552.33	108.01	kt	108.01	24.3	3.0
I.5.5.	1.A.2.g. Other	Table1	CO <sub>2</sub>	2003	2004	2 057.14	1 428.97	-628.16	kt	-628.16	-30.5	-3.0
I.5.6.	1.A.3.b. Road transportation	Table1	CO <sub>2</sub>	2019	2020	13 005.64	11 947.51	-1 058.13	kt	-1 058.13	-8.1	-3.6
I.5.7.	1.A.3.c. Railways	Table1	CO <sub>2</sub>	1999	2000	177.68	244.62	66.95	kt	66.95	37.7	3.4
I.5.8.	1.B.2.d. Other	Table1	CH <sub>4</sub>	2008	2009	3.33	5.39	2.06	kt	57.73	61.9	4.3
I.5.9.	1.D.1.a. Aviation	Table1	CO <sub>2</sub>	2019	2020	3 860.97	1 571.81	-2 289.16	kt	-2 289.16	-59.3	-4.6
I.5.10.	1.D.1.b. Navigation	Table1	CO <sub>2</sub>	1993	1994	912.23	1 359.00	446.77	kt	446.77	49.0	3.0
I.5.11.	2.A.1. Cement production	Table2(I)	CO <sub>2</sub>	2006	2007	544.75	687.30	142.55	kt	142.55	26.2	3.0
I.5.12.	2.B.8. Petrochemical and carbon black production	Table2(I)	CH <sub>4</sub>	2002	2003	5.25	2.23	-3.02	kt	-84.60	-57.6	-3.5
I.5.13.	2.B.10. Other	Table2(I)	CO <sub>2</sub>	2015	2016	260.17	172.20	-87.96	kt	-87.96	-33.8	-3.1
I.5.14.	2.B.10. Other	Table2(I)	CO <sub>2</sub>	2020	2021	134.19	43.37	-90.82	kt	-90.82	-67.7	-3.2
I.5.15.	2.C.3. Aluminium production	Table2(I)	CO <sub>2</sub>	2009	2010	453.90	575.00	121.10	kt	121.10	26.7	3.4
I.5.16.	2.C.3. Aluminium production	Table2(I)	PFCs	1991	1992	812.47	415.35	-397.11	kt CO <sub>2</sub> eq	-397.11	-48.9	-4.5
I.5.17.	2.F.1. Refrigeration and air conditioning	Table2(I)	HFCs	2022	2023	1 364.01	1 011.36	-352.66	kt CO <sub>2</sub> eq	-352.66	-25.9	-4.5
I.5.18.	2.C.3. Aluminium production	Table2(II)	CF <sub>4</sub>	1991	1992	104.96	52.10	-52.86	t	-350.49	-50.4	-4.6
I.5.19.	2.C.3. Aluminium production	Table2(II)	C <sub>2</sub> F <sub>6</sub>	1991	1992	10.50	6.30	-4.20	t	-46.62	-40.0	-3.8
I.5.20.	2.C.3. Aluminium production	Table2(II)	C <sub>2</sub> F <sub>6</sub>	1992	1993	6.30	2.87	-3.43	t	-38.07	-54.4	-3.1
I.5.21.	2.F.1. Refrigeration and air conditioning	Table2(II)	HFC-32	2020	2021	90.59	184.60	94.01	t	63.64	103.8	3.8
I.5.22.	2.F.1. Refrigeration and air conditioning	Table2(II)	HFC-32	2022	2023	182.09	112.58	-69.52	t	-47.06	-38.2	-3.1
I.5.23.	2.F.1. Refrigeration and air conditioning	Table2(II)	HFC-125	2020	2021	158.43	228.02	69.59	t	220.61	43.9	3.0
I.5.24.	2.F.1. Refrigeration and air conditioning	Table2(II)	HFC-125	2022	2023	199.21	119.02	-80.18	t	-254.18	-40.3	-3.9
I.5.25.	3.H. Urea application	Table3	CO <sub>2</sub>	2021	2022	553.19	384.20	-168.99	kt	-168.99	-30.5	-3.6
I.5.26.	4.B.2. Land converted to cropland	Table4	Net CO <sub>2</sub> emissions/removals	2007	2008	345.63	161.99	-183.64	kt CO <sub>2</sub> eq	-183.64	-53.1	-3.9
I.5.27.	4.C.1. Grassland remaining grassland	Table4	Net CO <sub>2</sub> emissions/removals	2007	2008	692.93	1 366.53	673.60	kt CO <sub>2</sub> eq	673.60	97.2	5.2
I.5.28.	4.C.2. Land converted to grassland	Table4	Net CO <sub>2</sub> emissions/removals	2007	2008	19 007.87	3 176.38	-15 831.48	kt CO <sub>2</sub> eq	-15 831.48	-83.3	-4.8
I.5.29.	4.C.2. Land converted to grassland	Table4	CH <sub>4</sub>	2007	2008	3.14	0.63	-2.51	kt	-70.26	-79.8	-4.8
I.5.30.	4.E.2. Land converted to settlements	Table4	Net CO <sub>2</sub> emissions/removals	2007	2008	226.91	35.67	-191.24	kt CO <sub>2</sub> eq	-191.24	-84.3	-5.0



<i>ID#</i>	<i>Category</i>	<i>CRT</i>	<i>Gas</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Value 1</i>	<i>Value 2</i>	<i>Difference</i>	<i>Unit</i>	<i>Difference (CO<sub>2</sub> eq)</i>	<i>Difference (%)</i>	<i>Z-score</i>
I.5.31.	4.F.2. Land converted to other land	Table4	Net CO <sub>2</sub> emissions/removals	2016	2017	297.12	116.05	-181.07	kt CO <sub>2</sub> eq	-181.07	-60.9	-4.0
I.5.32.	5.F.2. Annual change in total carbon storage	Table5	CO <sub>2</sub>	2003	2004	262.32	337.17	74.86	kt	74.86	28.5	4.5
I.5.33.	5.F.3. Annual change in total carbon storage in HWP waste	Table5	CO <sub>2</sub>	2003	2004	213.80	282.20	68.40	kt	68.40	32.0	4.4

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**

<i>ID#</i>	<i>Category</i>	<i>CRT</i>	<i>Gas</i>	<i>Unit</i>	<i>IEF reported</i>	<i>Comparison</i>
I.6.1.	1.A.3.a. Domestic aviation – aviation gasoline	Table1.A(a)s3	CO <sub>2</sub>	t/TJ	65.891	Below range
I.6.2.	1.A.3.a. Domestic aviation – jet kerosene	Table1.A(a)s3	CO <sub>2</sub>	t/TJ	67.930	Below range
I.6.3.	1.A.3.b. Road transportation – gasoline	Table1.A(a)s3	CO <sub>2</sub>	t/TJ	66.078	Below range
I.6.4.	1.A.3.b. Road transportation – liquefied petroleum gases	Table1.A(a)s3	CO <sub>2</sub>	t/TJ	59.275	Below range
I.6.5.	1.A.3.b. Road transportation – biomass	Table1.A(a)s3	CO <sub>2</sub>	t/TJ	64.281	Below range
I.6.6.	1.A.3.d. Domestic navigation – residual fuel oil	Table1.A(a)s3	CO <sub>2</sub>	t/TJ	74.537	Below range
I.6.7.	1.A.3.d. Domestic navigation – gas/diesel oil	Table1.A(a)s3	CO <sub>2</sub>	t/TJ	69.204	Below range
I.6.8.	1.A.4. Other sectors – liquid fuels	Table1.A(a)s4	CO <sub>2</sub>	t/TJ	66.926	Below range
I.6.9.	2.B.10.a. Hydrogen production	Table2(I).A-H	CO <sub>2</sub>	t/t	14.000	Above range
I.6.10.	3.A.2. Sheep	Table3.A	CH <sub>4</sub>	kg CH <sub>4</sub> /head/year	12.453	Above range
I.6.11.	3.A.2.a. Other (please specify)	Table3.A	CH <sub>4</sub>	kg CH <sub>4</sub> /head/year	12.453	Above range
I.6.12.	3.A.2.a. Other (please specify) – sheep	Table3.A	CH <sub>4</sub>	kg CH <sub>4</sub> /head/year	12.453	Above range
I.6.13.	3.A.3. Swine	Table3.A	CH <sub>4</sub>	kg CH <sub>4</sub> /head/year	0.914	Below range
I.6.14.	3.A.3.a. Other (please specify)	Table3.A	CH <sub>4</sub>	kg CH <sub>4</sub> /head/year	0.914	Below range
I.6.15.	3.A.4. Other livestock	Table3.A	CH <sub>4</sub>	kg CH <sub>4</sub> /head/year	0.838	Above range

Table I.7

**Identification of new key categories**

<i>ID#</i>	<i>New key category</i>	<i>Gas</i>	<i>Criteria</i>	<i>Inventory year</i>
I.7.1.	1.B.2.c. Fugitive emissions from fuels – venting and flaring	CH <sub>4</sub>	Trend	2023
I.7.2.	2.A.1. Cement production	CO <sub>2</sub>	Trend	2023
I.7.3.	3.H. Urea application	CO <sub>2</sub>	Level	2023
I.7.4.	4.B.2. Land converted to cropland	CO <sub>2</sub>	Level	2023