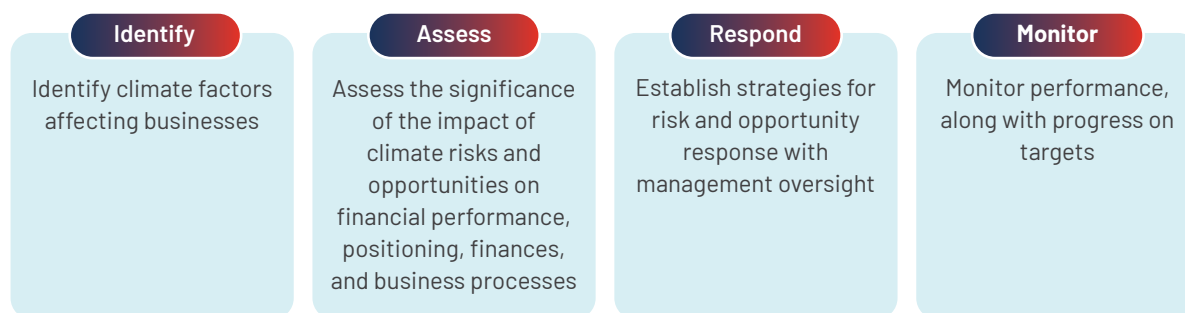


Figure 25. Telkom Climate Change Management Framework



Low-Carbon Transition

TelkomGroup's GHG Emissions Performance

[GRI 102-4, 102-5, 102-6, 102-7, 305-1, 305-2, 305-3]

The total GHG emissions of TelkomGroup (Market-based) in 2025 are 4,153,661.33 tCO₂e, consisting of 1% Scope 1 emissions, 52% Scope 2 emissions, and 47% Scope 3 emissions. There is an increase in emissions compared to the previous reporting year, particularly in Scope 3 emissions, due to the addition of calculation scopes covering categories 4, 7, 9, and 12. This step represents TelkomGroup's continuous improvement effort to strengthen GHG emissions management. The calculation methods, including limitations and assumptions, are presented in Appendix 7. Consistent with 2024, the 2025 GHG emissions are also validated by an independent party with the opinion presented in Appendix 11.

TelkomGroup Emission Profile in 2025*

Figure 26. TelkomGroup GHG Emissions Scope 1, 2 (Market-based), and 3

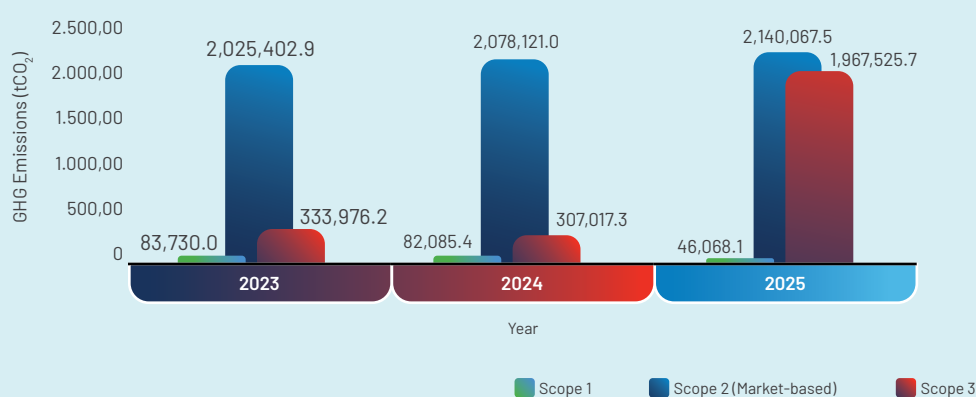


Figure 27. TelkomGroup GHG emissions disaggregation by category

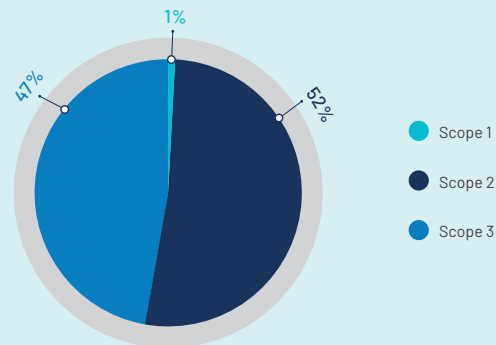
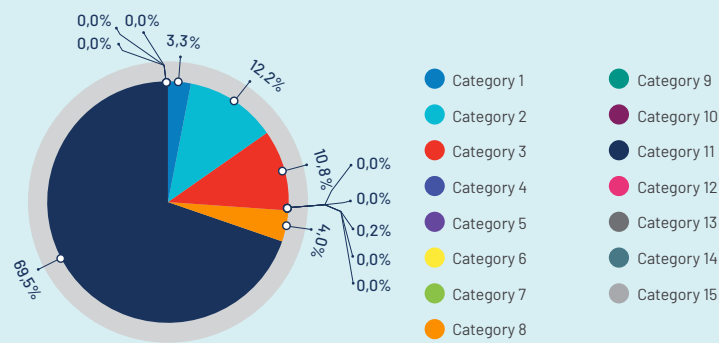


Figure 28. Disaggregation of TelkomGroup Scope 3 GHG emissions by category



Summary of TelkomGroup GHG Emissions Performance for the 2025 Reporting Year

Table 10. Summary of Greenhouse Gas Emissions Performance of TelkomGroup for Reporting Year 2025

Scope	Description	Reporting Year 2025 (tonCO ₂ e)	Reporting Year 2024 (tonCO ₂ e)	Reason for Emission Changes Since The 2024 Reporting Year	% Change in Emissions since The 2024 Reporting Year
Scope 1	Stationary Combustion	12,288.4	27,381.5	The expansion of the use of B40 Biodiesel as a power generator fuel source compared to the conservative approach (using B0) applied in 2024, along with efforts to reduce generator operational durations within the TelkomGroup environment, including Telkom, Telkomsel, Sigma, Mitratel, Telin, Telkomsat, Telkom Infra, and GSD.	▼ 55%
	Mobile Combustion	21,874.1	27,182.0	Improvement of the methodology for collecting vehicle fuel consumption data, which identifies that vehicles within Telkom, Sigma, and Mitratel use Pertamina gasoline, which has a relatively lower emission factor compared to Peralite.	▼ 20%
	Fugitive emission	11,905.7	27,521.9	Refinement of the methodology for collecting fugitive emission data from wastewater treatment and AC, including the identification of septic tanks as an additional wastewater treatment category and the inclusion of end-of-life emissions from dismantled AC units.	▼ 57%
Scope 2	Location-based Method	2,182,493.3	2,078,121.1*	The increase in electricity consumption emissions compared to 2024 is mainly due to the expansion of TelkomGroup assets (for example, the addition of BTS in 2025 for Telkomsel).	▲ 5%
	Market-based Method	2,140,067.5	2,078,121.1*	The increase in electricity consumption emissions compared to 2024 was primarily driven by the expansion of TelkomGroup assets (for example, the addition of BTS for Telkomsel in 2025). However, the initiative to purchase a total of 45,407 Renewable Energy Certificates (RECs) by Telkom and TDE in 2025 helped limit the emissions increase for that year to 3%.	▲ 3%
Scope 3 Category 1	Purchased goods and services	64,796.5	87,218.1	Refinement of the methodology for grouping goods and services (based on guidelines from GSMA) and adjusted to reflect the categories most relevant to the company's operational activities.	▼ 26%
Scope 3 Category 2	Capital goods	239,681.5	70,677.0	Refinement of the methodology for grouping goods and services (based on guidelines from GSMA) and adjusted to reflect the categories most relevant to the company's operational activities.	▲ 239%
Scope 3 Category 3	Fuel-and-energy-related activities (not included in scope 1 or scope 2)	211,750.40	0.3	Improvement of methodology and expansion of emission source coverage in the calculation of this category, where this year Scope 3 Category 3 is calculated for emissions originating from the well-to-tank process of consumed fuel and transmission and distribution loss of the electricity used.	▲ 65,040,394%
Scope 3 Category 4	Upstream transportation & distribution	51.1	N/A	The expansion of the calculation scope as it begins to accommodate Category 4, which was previously not included in the calculation.	-

Scope	Description	Reporting Year 2025 (tonCO ₂ e)	Reporting Year 2024 (tonCO ₂ e)	Reason for Emission Changes Since The 2024 Reporting Year	% Change in Emissions since The 2024 Reporting Year
Scope 3 Category 5	Waste generated in operations	270.7	0.7	Expansion of the coverage of TelkomGroup entities that disclose waste data.	▲ 40,421%
Scope 3 Category 6	Business travel	3,574.7	32,119.5	The decrease in the number of business trips in 2025.	▼ 89%
Scope 3 Category 7	Employee commuting	389.8	N/A	The expansion of the calculation scope as it begins to accommodate Category 7, which was previously not included in the calculation.	-
Scope 3 Category 8	Upstream leased assets	77,941.4	7,985.9	Increase in the number of TelkomGroup Subsidiaries that record leased assets.	▲ 876%
Scope 3 Category 9	Downstream transportation and distribution	172.6	N/A	The expansion of the calculation scope as it begins to accommodate Category 9, which was previously not included in the calculation.	-
Scope 3 Category 10	Processing of sold products	-	-	Not relevant to the nature of TelkomGroup's business.	-
Scope 3 Category 11	Use of sold products	1,367,736.8	99,559.4	Expansion of the scope of calculation of products sold, for example including Indihome, Indibiz, and ASTINet.	▲ 1,274%
Scope 3 Category 12	End-of-life treatment of sold products	58.6	N/A	The expansion of the calculation scope as it begins to accommodate Category 12, which was previously not included in the calculation.	-
Scope 3 Category 13	Downstream leased assets	833.4	148.1	Increase in the number of TelkomGroup Subsidiaries recording leased assets.	▲ 463%
Scope 3 Category 14	Franchise	-	-	Not relevant to the nature of TelkomGroup's business.	-
Scope 3 Category 15	Investment	268.1	9,308.30	Improvement of emission calculation accuracy.	▼ 97%
Total GHG Emissions (Location-based)		4,196,087.0	2,467,223.7*		
Total GHG Emissions (Market-based)		4,153,661.3	2,467,223.7*		

* Restatement of information based on adjustments to data collection methodology