



Greenhouse Gas Emissions Inventory Verification Statement

AENOR Verification Statement for

TELEFONICA S.A. (GRUPO TELEFONICA)

relating to the period

2025

In Madrid, at 2026-03-04

Rafael García Meiro
Chief Executive Officer/CEO

Introduction

TELEFONICA S.A. (GRUPO TELEFONICA) has commissioned AENOR Confía, SAU (AENOR) to make a limited revision of the Greenhouse Gas (GHG) emissions inventory for 2025 its activities included in the GHG report dated 17th February 2025, which is part of this Declaration.

AENOR is accredited by Entidad Nacional de Acreditación (ENAC), with number 3/VV026, in accordance with the ISO 17029:2019 and ISO 14065:2020 Standards for the verification of Greenhouse Gas (GHG) Emissions Reports, as well as by the Entidad Mexicana de Acreditación, with number OVVGEI 004/14, in accordance with the ISO Standard 14065:2020, for the verification of greenhouse gas emissions in accordance with the requirements established in ISO 14064-3:2019 for the energy and waste sectors.

Inventory of GHG emissions issued by the Organization: Corportate: C/ Ronda de la Comunicación, Distrito Telefónica, Madrid

Representatives of the Organisation: Daniel Alberto Maniaga Santana/Camilo Andrés Guarín García, Climate Change and Energy Efficiency Office.

TELEFONICA S.A. (GRUPO TELEFONICA) was responsible for reporting its GHG emissions according to the GHG PROTOCOL standard.

Objective

The objective of the verification is to provide the interested parties with an independent and professional opinion on the information and data contained in Telefónica's GHG Inventory.

Scope of Verification

The greenhouse gases and emission sources considered as well as the geographical scope of the activities included in the organisation's greenhouse gas inventory are described below.

For the verification process, a control approach is considered, under which Telefónica accounts for emissions attributable to the operations and facilities over which it exercises financial control. This also includes GTAC (Grupo Telecomunicaciones de Alta Capacidad, SAPI de CV) and Unired Colombia SAS, which are proportionally consolidated within Telefónica's financial perimeter.

Facilities are defined as base stations, technical buildings, vehicle fleets, office buildings, call centres and shops. Under this approach, the scope of the geographical verification is established for the following countries where the Telefónica Group operates:

Organizational and geographical boundaries		
Europe	Latin America	Telefónica Infra (Telxius Cable Group)
Spain	Brazil (Fixed and mobile network)	Telefonica Tech
Telefónica de España (includes Telefónica España, Telefónica Móviles España, Telefónica Audiovisual Digital, Telefónica Broadcast Services, Telefónica Audiovisual services)	Chile (Fixed and mobile network)	Other companies (Telefónica Global Solutions, Telefónica SA, Wayra, among others)
Telefónica Security Engineering (TIS)	Colombia (Fixed and mobile network)	
TGIES (Telefónica Integrated Building Management and Services)	UniRed Colombia SAS (Mobile network)	
Distrito Telefónica	Mexico (Mobile Network)	
Diagonal Building	GTAC (High Capacity Telecommunications Group, SAPI de CV)	
Gran Vía Building	Venezuela (Mobile Network)	
ACENS Technologies		
Bluevia Fiber		

Fiberpass		
LOTCA Servicios Integrales SLU		
Germany (Mobile Network)		

CO₂ /CH₄ /N₂O/HFCs have been considered as greenhouse gases .

Direct and indirect activities and exclusions from verification

The activities subject to verification are established within the following scopes (following the GHG Protocol guidelines), which are:

- Scope 1. Direct GHG emissions.
- Scope 2. Energy indirect GHG emissions
- Scope 3. Other indirect emissions¹. Includes:
 - Significant categories:
 - Category 1: Purchase of goods and services
 - Category 2: Capital goods
 - Category 3: Energy and fuel related activities (not included in scope 1 and 2)
 - Category 4: Upstream transportation and distribution
 - Category 6: Business travel
 - Category 7: Employee travel
 - Category 11: Use of sold products
 - Category 13: Downstream Leased Assets
 - Category 15: Investments
 - Non-significant categories:

¹Categories 9 and 10 are considered not applicable; and category 8 is included in other categories or areas.

- Category 5: Waste Management
- Category 12: End-of-life treatment of sold products
- Category 14: Franchises

Exclusions

Emissions associated with companies that, due to their small significance, contribute less than 1% of the total calculated emissions are excluded from the calculation.

Base year

Telefónica has selected 2015 as the base year for Scope 1 and 2, and 2016 for Scope 3.

Due to changes in organizational boundaries, expansion of Scope 3 categories, and changes in the calculation methodology in some categories, a recalculation of base and subsequent year emissions for Scope 1, 2, and 3 emissions, as well as energy data, has been carried out to ensure comparability.

Materiality

For verification purposes, it was agreed to consider as material discrepancies those omissions, distortions or errors that could be quantified and result in a difference of more than 5% with respect to the total declared emissions.

Criteria

The criteria and information that have been taken into account to carry out the verification have been:

- ISO 14064-3:2019: Specification with guidance for the validation and verification of greenhouse gas assertions
- GHG Protocol, Corporate Accounting and Reporting Standard. (Revised Edition)
- GHG Protocol, Corporate Value Chain (scope 3) Accounting and Reporting Standard.

Finally, the emissions report drawn up by the organisation, dated 2025, was subject to verification.

AENOR waives any responsibility for decisions, regarding investment or of any other type, based on this declaration.

Conclusion

Based on the above, and in accordance with the limited level of assurance, there is no evidence to suggest that the information on GHG emissions reported in the Greenhouse Gas Inventory Report for the period 2025 is not a true and fair representation of the emissions from its activities.

The result of the Verification Statement is Satisfactory.

In consequence with this Declaration below is a list of the emissions data that were finally verified:

Recalculation of Base Year Scope 1 and 2 emissions (Base Year 2015 and subsequent years):

EMISSIONS	Unit	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Scope I+II Emissions (market approach)	t CO2e	1,464,012.16	998,722.36	946,108.81	793,063.10	558,231.76	438,169.10	326,498.36	185,349.46	161,549.52	150,500.01
Scope 1 Emissions	t CO2e	224,593.84	219,969.89	229,543.54	181,811.77	167,766.95	161,450.50	143,815.77	99,652.49	94,300.47	91,314.37
Scope 2 Emissions (market method)	t CO2e	1,239,418.32	778,752.48	716,565.27	611,251.33	390,464.82	276,718.60	182,682.59	85,696.96	67,249.05	59,185.63
Scope 2 Emissions (location method)	t CO2e	1,583,963.81	1,443,203.24	1,324,225.71	1,420,177.25	1,221,844.46	1,022,194.85	992,511.47	809,825.75	820,777.18	721,982.74
Biogenic emissions	t CO2e	-	-	-	-	-	-	9,004.08	13,169.50	15,554.08	15,098.97

Recalculation of emissions Base Year Scope 3 (Base Year 2016) and 2024:

Scope 3 emissions (t CO2e)	Unit	Telefónica Germany		Telefónica Spain		Telefónica Brazil		ROW		Total	
		2016	2024	2016	2024	2016	2024	2016	2024	2016	2024
Significant	t CO2e	652,239.20	495,624.21	1,154,593.10	897,046.92	1,194,501.70	674.002,73	1,239,626.65	709,100.09	4,240,961.00	2,775,773.94
• Category 1. Purchase of goods and services	t CO2e	461,389.90	318,448.75	548,033.90	490,291.54	552,586.10	431.517,06	616,436.40	459,972.79	2,178,446	1,700,230.15
• Category 2. Capital goods	t CO2e	87,171.50	43,744.61	238,907.50	155,533.08	360,031.70	152.791,77	186,135.12	62,584.82	872.246	414,654.28
• Category 3. Energy and fuel-related activities (not included in scope 1 and 2)	t CO2e	37,679.40	20,385.88	60,814.60	20,699.16	45,532.80	25.173,07	114,128.14	50,880.28	258.155	117,138.39
• Category 4 Upstream transportation and distribution	t CO2e	0	380.13	6,112.20	23,777.58	4,829.70	5.336,33	133,513.93	6,802.28	144,456	36,296.31
• Category 6. Business travel	t CO2e	6,706.70	2,102.12	22,736.50	9,162.82	25,600.50	11.159,78	41,130.24	22,263.60	96.174	44,688.32
• Category 7. Employee travel	t CO2e	5,582.50	2,464.28	24,805.20	8,770.48	36,210.70	14.108,29	24,850.11	11,425.52	91.449	36,768.57
• Cat. 11. Use of sold products	t CO2e	17,132.00	25,467.45	8,474.00	37,704.56	1,944.70	1.982,16	20,045.48	12,617.49	47,596	77,771.65
• Cat. 13. Downstream Leased Assets	t CO2e	36,577.20	82,630.99	244,707.90	148,348.38	167,765.50	31.833,01	101,764.42	59,863.44	550,815	322,675.82
• Cat. 15. Investments	t CO2e	0	0.00	1.3	2,759.32	0	101,26	1622.81	22,689.87	1,624	25,550.45
Not significant	t CO2e	9,181.20	4,243.01	6,873.70	11,245.88	3,754.10	2.562,81	1,580.18	1,532.93	21,389.00	19,584.62
• Cat. 5 Waste management	t CO2e	45.3	9.63	190.1	98.41	253.6	604,90	59.95	417.50	549	1,130.44
• Cat. 12. End-of-life treatment of sold products.	t CO2e	884.3	952.82	780	2,446.54	650.1	838,02	1,399.62	1,068.44	3,714	5,305.82
• Cat. 14. Franchises	t CO2e	8,251.60	3,280.56	5,903.60	8,700.93	2,850.40	1.119,89	120.61	46.99	17.126	13,148.36
Total	t CO2e	661,420.30	499,867.22	1,161,467.00	908,292.79	1,198,255.90	676.565,54	1,241,206.83	710,633.01	4,262,350	2,795,358.56

ROW includes, among other companies, Telefónica Chile, Telefónica Colombia, Telefónica México, Telefónica Venezuela, Telefónica TECH (among others, ACENS and Telefónica Tech UK), Telefónica Infra (among others, Telxius Cable), Telefónica SA (among others, TGIES and LOTCA).

Energy Recalculation Base Year Scope 1 and 2 (Base Year 2015 and subsequent years):

ENERGY	Unit	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Total Energy Consumption	MWh	5,680,109.68	5,492,822.04	5,529,604.74	5,597,318.84	5,510,469.53	5,360,551.83	5,208,367.80	5,241,145.36	5,156,185.67	5,222,675.79
Total Electricity Consumption + Self-Generation of Renewable Energy	MWh	5,390,021.81	5,145,068.55	5,195,791.56	5,248,279.52	5,215,952.73	5,113,975.98	4,975,521.14	5,021,635.46	4,944,994.12	5,013,025.37
Fuel consumption and district heating	MWh	290.087,87	347.753,49	333.813,18	349.039,32	294.516,80	246.575,85	232.846,67	219.509,90	211.191,55	209.650,42
Total electricity consumption in own facilities with self-generation	MWh	4,956,953.18	4,558,442.53	4,443,745.24	4,432,885.49	4,372,354.68	4,178,407.14	3,971,930.81	3,952,936.26	3,928,964.43	3,939,444.36
% of Renewable Electricity in own facilities (with self-generation)	%	19.71%	50.96%	49.42%	58.51%	83.98%	85.81%	86.98%	88.96%	90.35%	91.61%

Scope 1, 2 and 3 Emissions:

Emissions Year: 2025	Unit	Telefónica Germany	Telefónica Spain	Telefónica Brazil	ROW	TOTAL
Gross Scope 1 greenhouse gas emissions	tCO2e	4,138.09	18,130.30	23,704.13	34,204.32	80,176.83
• Vehicle fleet	tCO2e	3,536.06	1,943.23	636.96	6,967.80	13,084.06
• Operations	tCO2e	318.28	7,259.75	2,701.13	12,865.99	23,145.14
• Fugitive emissions (refrigerant gases and fire suppression systems)	tCO2e	283.74	8,927.32	20,366.04	14,370.53	43,947.63
Gross market-based Scope 2 greenhouse gas emissions	tCO2e	396.93	97.40	0.00	48,760.76	49,255.10
• District heating	tCO2e	396.93	-	-	2.41	399.34
• Electricity (market method)	tCO2e	0.00	97.40	0.00	48,758.35	48,855.75
Gross location-based Scope 2 greenhouse gas emissions	tCO2e	331,891.96	133,200.72	83,132.01	156,982.60	705,207.28
• District heating	tCO2e	396.93	-	-	2.41	399.34
• Electricity (location method)	tCO2e	331,495.03	133,200.72	83,132.01	156,980.18	704,807.94
Gross Scope 3 emissions	tCO2e	541,717.11	907,491.83	611,351.89	757,378.13	2,817,938.96
• Significant emissions	tCO2e	537,652.33	897,482.38	608,744.96	756,229.75	2,800,109.42
○ Category 1: Purchase of goods and services	tCO2e	377,243.39	556,824.87	370,800.51	525,156.53	1,830,025.30
○ Category 2: Capital goods	tCO2e	40,264.60	136,878.68	148,090.89	67,339.47	392,573.64
○ Category 3: Energy and fuel related activities (not included in scope 1 and 2)	tCO2e	20,782.06	2,042.83	24,753.50	30,374.15	77,952.54
○ Category 4: Upstream Transport and Distribution	tCO2e	202.74	19,566.08	6,170.33	3,479.67	29,418.82
○ Category 6: Business travel	tCO2e	1,138.43	6,871.81	6,764.97	11,035.20	25,810.41
○ Category 7: Employee travel	tCO2e	2,031.36	10,190.21	13,931.20	10,877.40	37,030.17
○ Category 11: Use of sold products	tCO2e	19,731.90	44,984.56	4,058.48	13,729.60	82,504.54
○ Category 13: Downstream Leased Assets	tCO2e	76,257.86	116,837.13	34,089.21	74,692.24	301,876.44
○ Category 15: Investments	tCO2e	-	3,286.22	85.88	19,545.45	22,917.55
• Not significant	tCO2e	4,064.78	10,009.45	2,606.92	1,148.39	17,829.54
○ Category 5: Waste Management	tCO2e	7.25	117.51	709.85	252.18	1,086.79
○ Category 12: End-of-life treatment of sold products	tCO2e	1,100.46	3,530.77	908.69	896.21	6,436.13
○ Category 14: Franchises	tCO2e	2,957.07	6,361.17	988.39	0.00	10,306.63
Percentage of GHG Scope 3 Significant categories calculated using primary data	%	76.2	55.7	61.3	59.6	61.9
Scope 1 + 2 emissions market method	tCO2e	4,535.02	18,227.70	23,704.13	82,965.08	129,431.93
Total GHG emissions (location method) [Scopes 1 + 2_{location} + 3_{significant}]	tCO2e	873,682.38	1,048,813.40	715,581.10	947,416.67	3,585,493.53
Total GHG emissions (market method) [Scopes 1 + 2_{market} + 3_{significant}]	tCO2e	542,187.35	915,710.08	632,449.09	839,194.83	2,929,541.35
Scope 1 Relative Biogenic Emissions	tCO2e	-	-	13,992.25	6.33	13,998.58
Emissions avoided by renewable energy consumption	tCO2e	331,537.61	133,569.41	83,132.01	109,621.49	657,860.52
Emissions avoided by energy efficiency projects	tCO2e	1,716.19	14,902.96	3,340.35	5,531.44	25,490.94
Emissions offsets	tCO2e	4,535	18,229	23,705	1926	48,395

Telefónica España includes, among other companies, the operator, TIS, Bluevia, Fiberpass and Zeleris.

ROW includes, among other companies, Telefónica Chile, Telefónica Colombia, Telefónica México, Telefónica Venezuela, Telefónica TECH (including ACENS and Telefónica Tech UK), Telefónica Infra (including Telxius Cable), and Telefónica SA (including TGIES and LOTCA). It also includes the associated company Grupo Telecomunicaciones Alta Capacidad (Mexico) and Unired (Colombia).

Missions Year: 2025	Unit	Telefónica Chile	Telefónica Colombia	UniRed	Telefónica Mexico	Alta Capacidad	Telefónica Venezuela	Other Hispam	Telefónica Tech	Telefónica Infra	Global Societies	TOTAL ROW
Gross Scope 1 greenhouse gas emissions	tCO2e	8,317.94	8,466.39	196.63	887.05	448.75	9,136.10	-	377.41	2,762.57	3,611.48	34,204.32
• Vehicle fleet	tCO2e	3,078.65	240.49	-	407.57	339.58	534.82	-	225.14	32.37	2,109.18	6,967.80
• Operations	tCO2e	2,770.75	1,488.94	196.63	43.96	107.67	6,794.94	-	35.89	154.30	1,272.91	12,865.99
• Fugitive emissions	tCO2e	2,468.54	6,736.95	-	435.52	1.51	1,806.34	-	116.38	2,575.89	229.38	14,370.53
Gross market-based Scope 2 greenhouse gas emissions	tCO2e	-	-	3,839.54	23,968.55	3,583.17	15,971.62	-	1,194.87	200.59	2.41	48,760.76
• District heating	tCO2e	-	-	-	-	-	-	-	-	-	2.41	2.41
• Electricity (market method)	tCO2e	-	-	3,839.54	23,968.55	3,583.17	15,971.62	-	1,194.87	200.59	-	48,758.35
Gross location-based Scope 2 greenhouse gas emissions	tCO2e	60,045.97	27,617.54	9,395.13	29,087.29	3,583.17	15,971.62	-	1,871.65	5,461.65	3,948.58	156,982.60
• District heating	tCO2e	-	-	-	-	-	-	-	-	-	2.41	2.41
• Electricity (location method)	tCO2e	60,045.97	27,617.54	9,395.13	29,087.29	3,583.17	15,971.62	-	1,871.65	5,461.65	3,946.17	156,980.18
Gross Scope 3 emissions	tCO2e	173,152.73	131,161.64		122,138.90		26,166.33	1,482.56	210,098.32	19,838.38	73,339.28	757,378.13
• Significant Scope 3 Emissions	tCO2e	172,680.47	130,904.94		121,725.80		26,162.26	1,482.56	210,098.32	19,837.47	73,337.92	756,229.75
○ Category 1	tCO2e	98,036.67	75,402.60		100,493.40		5,694.65	343.58	197,787.47	6,601.94	40,796.23	525,156.53
○ Category 2	tCO2e	20,082.48	15,652.44		2,611.13		7,231.68	1,009.69	8,520.09	7,650.84	4,581.13	67,339.47
○ Category 3	tCO2e	5,774.75	3,134.67		8,555.85		11,334.15	0.00	417.97	785.95	370.83	30,374.15
○ Category 4	tCO2e	1,258.87	941.08		700.07		412.43	0.00	167.22	—	—	3,479.67
○ Category 6	tCO2e	415.37	581.04		220.49		191.96	29.17	891.16	1,489.33	7,216.68	11,035.20
○ Category 7	tCO2e	1,412.95	2,351.97		1,316.35		1,291.60	100.11	2,314.41	236.95	1,853.05	10,877.40
○ Category 11	tCO2e	4,545.94	1,355.13		7,828.53		-	0.00	—	—	—	13,729.60
○ Category 13	tCO2e	40,520.21	31,343.79		-		5.78	0.00	—	2,822.46	—	74,692.24
○ Category 15	tCO2e	633.22	142.23		-		-	0.00	—	250.00	18,520.00	19,545.45
• Non-significant Scope 3 emissions	tCO2e	472.26	256.69		413.09		4.07	0.00	—	0.91	1.36	1,148.39
○ Category 5	tCO2e	163.10	76.05		6.70		4.07	0.00	—	0.91	1.36	252.18
○ Category 12	tCO2e	309.17	180.64		406.39		-	0.00	—	—	—	896.21
○ Category 14	tCO2e	-	-		-		-	0.00	—	—	—	0.00

Scope 1 + 2 emissions market method	tCO2e	8,317.94	8,466.39	4,036.17	24,855.60	4,031.92	25,107.72	-	1,572.28	2,963.16	3,613.89	82,965.08
Total GHG emissions (location method) [Scope 1 + 2 location + 3 significant]	tCO2e	241,044.38	166,988.87	9,591.76	151,700.14	4,031.92	51,269.98	1,482.56	212,347.38	28,061.69	80,897.98	947,416.67
Total GHG emissions (market method) [Scope 1 + 2 market + 3 significant]	tCO2e	180,998.41	139,371.33	4,036.17	146,581.40	4,031.92	51,269.98	1,482.56	211,670.60	22,800.63	76,951.81	839,194.83
Scope 1 Relative Biogenic Emissions	tCO2e	-	-	-	-	-	-	-	-	6.33	-	6.33
Emissions avoided by renewable energy consumption	tCO2e	60,111.33	27,978.14	5,555.59	5,118.74	-	1.80	-	1,369.66	5,540.07	3,946.17	109,621.49
Emissions avoided by energy efficiency projects	tCO2e	2,141.13	2,686.91	0.00	652.52	-	50.88	-	-	-	-	5,531.44
Emissions offsets	tCO2e	-	-	-	-	-	-	-	-	-	1,926	1,926

Directed actions	Unit	Telefónica Germany	Telefónica Spain	Telefónica Brazil	ROW	TOTAL
Emissions avoided by energy efficiency projects	tCO2e	1,716.19	14,902.96	3,340.35	5,531.44	25,490.94
• Lightning	tCO2e	-	40.10	4.42	-	44.52
• Power Saving Functions	tCO2e	893.83	1,313.47	448.75	-	2,656.05
• Cooling	tCO2e	822.36	1,589.82	-	411.09	2,823.27
• Power	tCO2e	-	-	-	-	-
• Network transformation	tCO2e	-	11,769.29	2,887.17	5,120.35	19,776.82
• Others	tCO2e	-	190.27	-	-	190.27

Offset emissions	Unit	Telefónica Germany	Telefónica Brazil	Telefónica Spain	TSA	TOTAL
Total amount of carbon credits cancelled	tCO2e	4,535	23,705	18,229	1,926	48,395
• Total emissions associated with emissions elimination projects	tCO2e	4,535	5,216	18,229	1,926	29,906
○ % Carbon credits from emissions removal projects	%	100	22	100	100	62
• Total emissions associated with emissions reduction projects	tCO2e	-	18,489	-	-	18,489
○ % Carbon credits from emissions reduction projects	%	-	78	-	-	38
• Percentage of recognized quality standard						
○ % Carbon credits in Verra Register quality standard	%	100	100	87	87	95
○ % Carbon credits in the quality standard of the Spanish Office for Climate Change (OECC)	%	-	-	13	13	5
○ % Carbon credits from projects located in the EUC	%	-	-	13	13	5

Energy Data Year: 2025	Unit	Telefónica Germany	Telefónica Spain	Telefónica Brazil	ROW	TOTAL
Total energy consumption	MWh	912,471.48	1,336,131.78	1,849,236.71	895,560.86	4,993,400.83
• Total electricity consumption + Self-generation of renewable energy	MWh	891,230.14	1,296,819.89	1,778,985.84	817,069.09	4,784,104.97
○ Consumption at base stations	MWh	714,606.66	577,176.77	859,448.99	374,132.18	2,525,364.60
○ Power Consumption at Central Offices (Fixed Switch Sites)	MWh	66,748.00	566,784.60	659,903.57	182,333.43	1,475,769.60
○ Consumption in Mobile Telephone Switching Offices (MTSOS)	MWh	61,517.30	-	127,143.21	76,284.72	264,945.22
○ Consumption in Data Centers	MWh	32,613.56	115,274.07	65,465.88	71,295.76	284,649.28
○ Consumption in Other (Offices, Call Centers, Stores, Landing Stations, Pops and OIas)	MWh	14,531.69	33,658.72	66,619.32	109,634.53	224,444.26
○ Consumption in electric vehicles	MWh	1,098.47	2.87	404.86	-	1,506.19
○ Consumption of self-generated non-fuel renewable energy	MWh	114.47	3,922.87	-	3,388.48	7,425.81
• Fuel consumption + District heating	MWh	21,241.35	39,311.89	70,250.87	78,491.76	209,295.87
○ Operations fuel consumption	MWh	1,659.04	30,889.82	13,181.52	50,394.27	96,124.66
○ Fleet fuel consumption	MWh	13,598.21	8,422.06	57,069.35	27,145.99	106,235.61
○ District heating consumption	MWh	5,984.09	-	-	951.51	6,935.59
○						
Electricity consumption from renewable sources including self-generation	MWh	891,230.14	1,296,475.71	1,778,985.84	523,101.15	4,489,792.84
% of renewable electricity consumption in own facilities	%	100	100	100	67.09	93.46

Directed actions	Unit	Telefónica Germany	Telefónica Spain	Telefónica Brazil	ROW	TOTAL
Energy savings through energy efficiency projects	MWh	4,613.43	144,653.79	71,481.86	25,991.65	246,740.72
• Lightning	MWh	-	389.24	94.65	-	483.89
• Power Saving Features	MWh	2,402.78	12,749.03	9,603.03	-	24,754.84
• Cooling	MWh	2,210.65	15,431.40	-	2,322.55	19,964.60
• Force	MWh	-	-	-	-	-
• Network transformation	MWh	-	114,237.24	61,784.17	23,669.09	199,690.51
• Others	MWh	-	1,846.88	-	-	1,846.88

Energy Data Year: 2025	Unit	Telefónica Germany	Telefónica Spain	Telefónica Brazil	ROW	TOTAL
Total energy consumption	MWh	912,471.48	1,336,131.78	1,849,236.71	895,560.86	4,993,400.83
• Total energy consumption from fossil fuel sources	MWh	21,241.35	39,656.07	13,582.92	372,433.78	446,914.12
○ Consumption of purchased or acquired electricity, heat, steam, or cooling from fossil sources	MWh	5,984.09	344.19	0.00	294,919.45	301,247.72
▪ Consumption of purchased or acquired electricity from fossil sources	MWh	-	344.19	0.00	293,967.94	294,312.13
▪ Consumption of purchased or acquired heat, steam, or cooling from fossil sources	MWh	5,984.09	-	0.00	951.51	6,935.59
○ Consumption of fuel (excluding feedstock) MWh from non-renewable sources	MWh	15,257.26	39,311.89	13,582.92	77,514.33	145,666.40
• Total energy consumption from renewable sources	MWh	891,230.14	1,296,475.71	1,835,653.79	523,127.07	4,546,486.71
○ Fuel consumption from renewable sources	MWh	0	-	56,667.95	25.92	56,693.87
○ Consumption of purchased or acquired electricity, heat, steam, and cooling from renewable sources	MWh	891,115.67	1,292,552.84	1,778,985.84	519,712.67	4,482,367.03
▪ Consumption of purchased or acquired electricity MWh from renewable sources	MWh	891,115.67	1,292,552.84	1,778,985.84	519,712.67	4,482,367.03
▪ Consumption of purchased or acquired heat, steam, and cooling from renewable sources	MWh	-	-	-	-	-
○ Consumption of self-generated renewable energy	MWh	114.47	3,922.87	-	3,388.48	7,425.81
Percentage of fossil fuel sources in total energy consumption	%	2.33	2.97	0.73	41.59	8.95
Percentage of renewable sources in total energy consumption	%	97.67	97.03	99.27	58.41	91.05

Energy Data Year: 2025	Unit	TEF Chili	TEF Colombia	UniRed	TEF Mexico	Alta Capacidad	TEF Venezuela	TEF Tech	TEF Infra	Global Societies	ROW
Total energy consumption	MWh	266,535.97	164,541.05	53,811.24	67,147.57	9,706.52	233,964.29	17,129.24	28,353.75	54,371.22	895,560.86
• Total energy consumption from fossil fuel sources	MWh	22,750.79	6,472.48	22,423.74	55,618.88	9,706.52	233,940.98	3,975.77	1,476.39	16,068.23	372,433.78
○ Consumption of purchased or acquired electricity, heat, steam, or cooling from fossil sources	MWh	-	-	21,692.34	53,983.23	8,070.21	206,618.57	2,853.01	750.59	951.51	294,919.45
▪ Consumption of purchased or acquired electricity from fossil sources	MWh	-	-	21,692.34	53,983.23	8,070.21	206,618.57	2,853.01	750.59	-	293,967.94
▪ Consumption of heat, steam, or cooling purchased or acquired from fossil sources	MWh	-	-	-	-	-	-	-	-	951.51	951.51
○ Fuel consumption from fossil sources	MWh	22,750.79	6,472.48	731.40	1,635.65	1,636.31	27,322.41	1,122.77	725.80	15,116.72	77,514.33
• Total energy consumption from renewable sources	MWh	243,785.18	158,068.57	31,387.50	11,528.70		23.31	13,153.46	26,877.36	38,302.99	523,127.07
○ Fuel consumption from renewable sources	MWh	-	-	-	-	-	-	-	25.92	-	25.92
• Consumption of purchased or acquired electricity, heat, steam, and cooling from renewable sources	MWh	243,520.09	156,031.28	31,387.50	11,528.70	-	-	13,153.46	25,788.65	38,302.99	519,712.67
▪ Consumption of purchased or acquired electricity, heat, steam, and cooling from renewable sources	MWh	243,520.09	156,031.28	31,387.50	11,528.70	-	-	13,153.46	25,788.65	38,302.99	519,712.67
▪ Consumption of purchased or acquired electricity, heat, steam, and cooling from renewable sources	MWh	-	-	-	-	-	-	-	-	-	-
○ Consumption of self-generated renewable energy	MWh	265.09	2,037.29	-	-	-	23.31	-	1,062.79	-	3,388.48
Percentage of fossil sources in total energy consumption	%	8.54	3.93	41.67	82.83	100	99.99	23.21	5.21	29.55	41.59
Percentage of renewable sources in total energy consumption	%	91.46	96.07	58.33	17.17	0	0.01	76.79	94.79	70.45	58.41

Contractual instruments – Renewable energy consumption	Unit	Telefónica Germany	Telefónica Spain	Telefónica Brazil	Hispan Proforma	TEF Tech	TEF Infra	Global Societies	TOTAL
Total contractual instruments used for the purchase of bundled and unbundled energy attribute rights	%	100	100	100	60.50	82.18	97.28	100	93.85
• Consumption of purchased or acquired electricity, heat, steam, and cooling from renewable sources	%	51.67	88.74	62.00	12.45	100	23.37	100	62.97
○ Percentage of renewable energy consumption covered by PPAs (bundled)	%	48.82	41.06	47.16	8.81	-	0.00	-	41.42
○ Percentage of renewable energy consumption covered with certificates of origin embedded in the purchase, EACs (bundled)	%	2.84	47.38	-	3.05	100	19.41	100	15.51
○ Percentage of Renewable Energy Purchases (WITHOUT warranty certificate) global (bundled)	%	-	-	14.83	0.00	-	0.00	-	5.88
○ Percentage of self-generation of electricity (bundled)	%	0.01	0.30	-	0.52	-	3.96	-	0.17
• Percentage of Contractual Instruments Used for Purchase of Unbundled Energy Attribute Claims (%)	%	48.33	11.26	38.00	87.55	-	76.63	-	37.03
○ Purchase of Renewable Guranteee of Origin Certificates	%	48.33	11.26	38.00	87.55	-	76.63	-	37.03