

Greenhouse Gas
Emissions Inventory
2025

Contents

1 **Institutional**

- Institutional message 4
- Foreword 4
- The Year at a Glance 5
- Climate Journey 6

2 **Methodology**

- Preparing the Inventory 8
  - Global Warming Potential 10
- Data collection and responsibilities 11
- Operational and organizational boundaries 12
  - Operational boundaries 12
  - Organizational boundaries 13

3 **Results**

- Corporate 16
- Administrative offices/ Head office 32
- Renewable assets 36
- Transmission 129

4 **External assurance**

5 **Credits**



1 Institutional

Institutional message

Spearheading renewable energy in Brazil, ENGIE Brasil Energia is wholeheartedly committed to decarbonization and the transition to a low-carbon economy. Omnipresent in Brazil, the Company operates seamlessly across power generation, transmission, sales and electricity trading and natural gas transportation, structurally contributing to the sustainable development of the country's energy sector.

Sourcing all its energy from clean, renewable and low-emission sources since 2023, ENGIE Brasil Energia closed 2025 with 12.4 GW of installed operating capacity, up 10% from 2024, and a generation hub of 133 plants, primarily wind, solar, hydropower and biomass facilities, in addition to 3,200 km of operational transmission lines. This operating foundation reflects our strategy of consistent sustainable expansion, supported by the construction of new renewable assets and the consolidation of a portfolio aligned with leading global climate change mitigation practices.

In line with ENGIE Brasil Energia's global mission of expediting the transition to carbon neutrality, the Company combines economic performance with environmental and social value creation. Its investments target innovative, resilient solutions that expand the supply of clean energy safely, affordably and responsibly.

This Greenhouse Gas (GHG) Emissions Inventory is therefore a key tool for management, transparency and continuous improvement, demonstrating ENGIE Brasil Energia's commitment to easing environmental impacts and to building a more sustainable energy future for people and the planet.

Introduction

Aligned with international best practices, this document presents the direct and indirect emissions results associated with ENGIE Brasil Energia's operations, spanning its entire value chain.

This inventory has been prepared in accordance with the accounting, quantification and reporting principles and guidelines of the Brazilian GHG Protocol Program (PBGHGP) and the Intergovernmental Panel on Climate Change (IPCC). Our report has also been structured in accordance with the specifications of ISO 14064,

into four primary sections. The Institutional chapter provides context on the Company's operations in Brazil, its climate strategy and the commitments made under our Climate Journey.

The Methodology chapter describes the technical criteria used to compile the inventory. This section explains the processes for collecting, validating and consolidating data, ensuring transparency around the assumptions and methodologies used.

The Results chapter consolidates our GHG emissions by scope, source and asset type, providing comparative analyses and indicators for emissions intensity, avoided emissions and carbon stock maintained in areas managed by the Company. ENGIE Brasil Energia's GHG Emissions Inventory has been assured by an independent third party.

The year at a glance

The Company is on the CDP A-list, with top ratings in the Climate and Water categories.

9-point increase in the Environmental Dimension of our Corporate Sustainability Assessment.

100%
of our energy portfolio is sourced renewably

250,000+
seedlings donated and planted.



ENGIE earned the highest rating in the Paraná Climate Mark for the seventh consecutive year for three assets in the state.

Our 2024 GHG Inventory received the GOLD badge from the Brazilian GHG Protocol Program.

65%
of our installed capacity in the integrated system is NBR ISO14001 certified.

99.6%
of solid waste recovered.



In 2025, 144 Company employees took part in training on the FRESK - Climate and Biodiversity methodologies, also called the Climate and Biodiversity Mural. Since 2024, some 500 people have completed the training.

The Gralha Azul TL (Transmission Line) was selected as a success story in the Sustainable Business (SB) COP report, officially presented at COP30.

3 million
carbon credits traded.

R$2.8 billion
allocated to expanding installed capacity and advancing transmission projects



Supplier Decarbonization Program: winner in the Environmental Management category (Energy Sector) at the 31st Expressão de Ecologia Award.

10,700 GWh
renewable energy certificates (RECs) traded

90,000+
people involved in visitation and environmental education programs



Climate Journey

We created the structured and science-based Climate Journey to address the challenges posed by climate change. Aware that global warming is already causing significant impacts on the planet, biodiversity and natural resource availability, ENGIE Brasil Energia has made climate change mitigation a corporate priority.

It is a climate governance platform informed by three complementary pillars: management, mitigation and adaptation. The Company leveraged a comprehensive emissions assessment, including direct operations and its value chain, to set reductions targets for 2025 and 2030. To achieve these targets, it defined decarbonization projects, including replacing fossil fuels with renewable sources and urging suppliers to adopt science-aligned targets. With a focus on adaptation, it devised specific plans for all assets to increase climate resilience.

Climate Journey therefore consolidates ENGIE Brasil Energia's climate strategy, factoring in risk management, targets and projects, while reinforcing the Company's role as an active agent in the energy transition and the development of a low-carbon economy.

To learn more about the Climate Journey and ENGIE Brasil Energia's commitments, see the **Climate and Nature Supplement.**

Our Climate Journey is built on three fundamental pillars:



Management

It integrates climate governance, risk and opportunity management, and the incorporation of climate action into the Company's strategy and decision-making processes.

Mitigation

This involves reducing greenhouse gas (GHG) emissions, with a focus on decarbonizing our operations and value chain, investing in renewable energy and promoting energy efficiency.

Adaptation

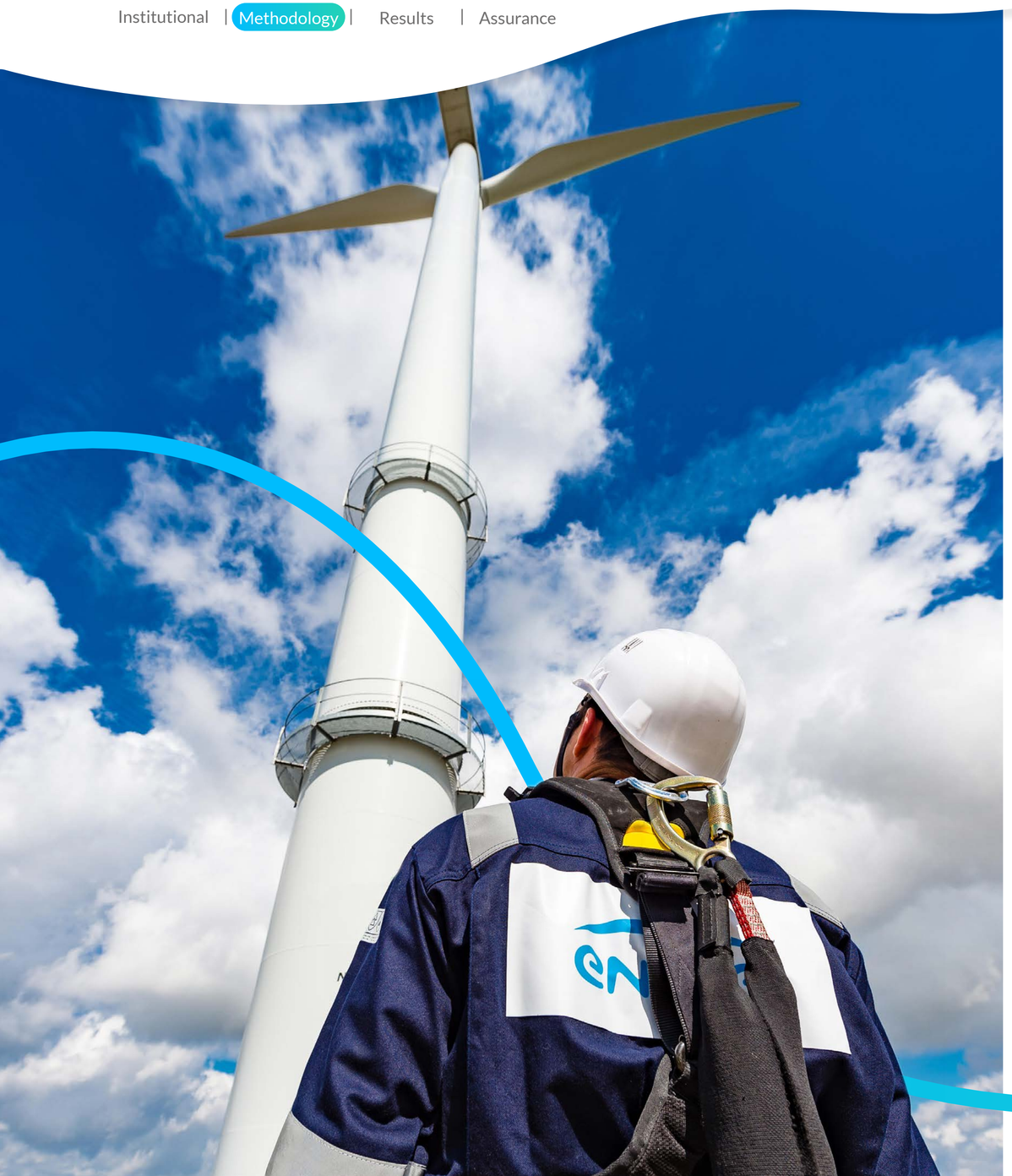
It includes measures to increase the resilience of the Company's assets and the geographies where they are located to the impacts of climate change, such as extreme events and water scarcity.

See ENGIE Brasil Energia's climate targets and commitments in the **Sustainability Report** or in the **Climate and Nature Supplement.**



Methodology

2



Preparing the Inventory

ENGIE Brasil Energia's Greenhouse Gas (GHG) Emissions Inventory was prepared based on the concepts, principles and guidelines established by the Brazilian GHG Protocol Program (PBGHGP), fully adopting its specifications for quantifying and reporting emissions. The inventory therefore covers the five types of GHGs provided for under the Kyoto Protocol: carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), hydrofluorocarbons (HFCs) and sulfur hexafluoride (SF_6).

In addition, gases that affect the ozone layer are included, in accordance with the Montreal Protocol, such as hydrochlorofluorocarbons (HCFCs), which also fuel global warming.

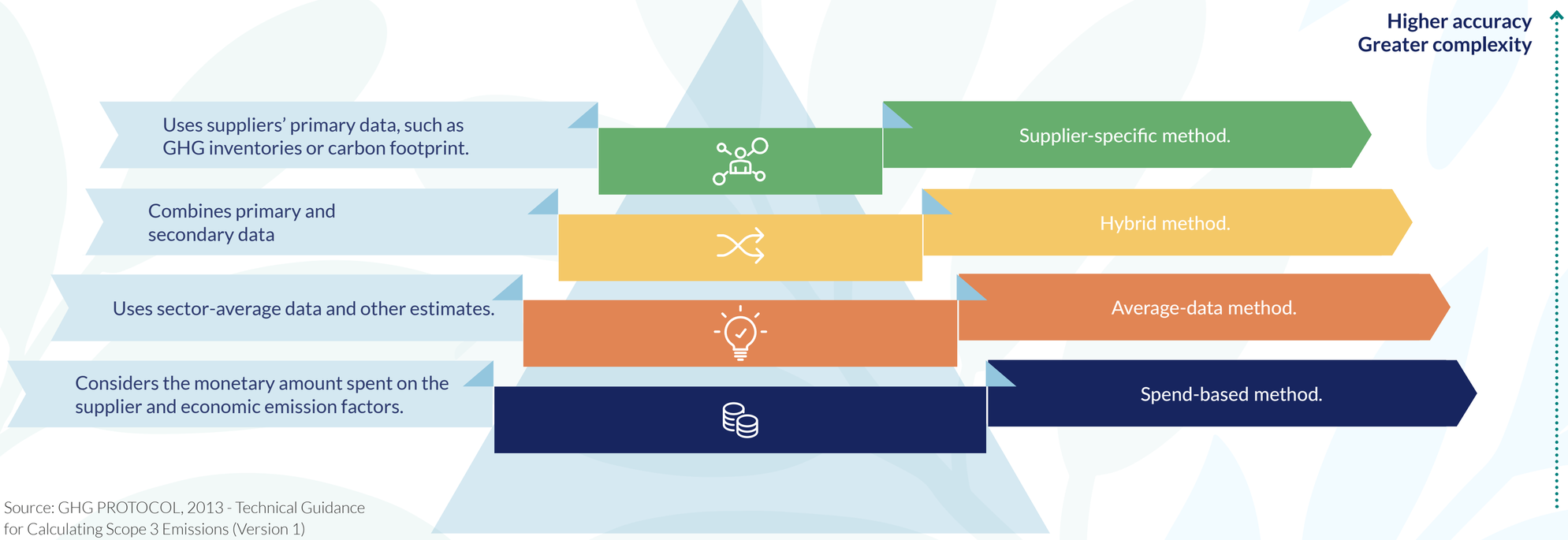
Emissions are quantified based on each gas' Global Warming Potential (GWP), according to the values established by the IPCC Fifth Assessment Report (AR5) and references from DEFRA (Department for Environment, Food and Rural Affairs) and the EPA (Environmental Protection Agency).

Each GHG has a specific GWP that expresses how much it contributes to global warming relative to carbon dioxide. In other words, the GWP value is the result of comparing the warming potential of a given quantity of gas with the same quantity of CO_2, which by convention is assigned a value of 1. All emissions are therefore converted and presented in metric tons of carbon dioxide equivalent (CO_2e), allowing for an integrated and standardized assessment of the inventoried activities' climate impact.

In addition, the inventory follows the guidelines of ISO 14064, the international standard that guides the quantification, monitoring and reporting of Greenhouse Gas emissions, reinforcing the reported data's accuracy and credibility.

Since 2024, emissions associated with suppliers have begun incorporating primary data provided by the suppliers themselves, such as carbon footprint and GHG inventories, significantly increasing the level of calculation accuracy. This approach also makes it possible to more closely track suppliers' progress in terms of emissions reduction strategies and performance.

GHG Protocol calculation methodologies for Scope 3 categories 1 (Purchased goods and services) and 2 (Capital goods)



Source: GHG PROTOCOL, 2013 - Technical Guidance for Calculating Scope 3 Emissions (Version 1)

Global Warming Potential

	GHG	Electricity sources	GWP (Global Warming Potential)
	**CO_2** **Carbon Dioxide**	Burning fossil fuels (such as diesel, natural gas, kerosene, gasoline and liquefied petroleum gas) from mobile and stationary sources. There are also CO_2 emissions related to waste treatment and the use of agricultural fertilizers.	1
	**CH_4** **Methane**	Fuel combustion from mobile and stationary sources, fugitive emissions in Natural Gas distribution lines and the decomposition of organic matter in solid waste treatment processes.	28
	**N_2O** **Nitrous Oxide**	Burning fossil fuels (such as diesel, natural gas, kerosene and liquefied petroleum gas) from mobile and stationary sources. There are also N_2O emissions related to waste treatment and the use of agricultural fertilizers.	265
	**SF_6** **Sulfur hexafluoride**	Insulating gas used in circuit breakers, transformers and substations. These are fugitive emissions resulting from leaks in pipelines. Emissions occur through leaks during the manufacturing, use and disposal of this equipment.	23,500
	**HFC** **Hydrofluorocarbon**	Emissions linked to cooling systems.	HFC134A – 1,300 HFC32 – 677 HFC125 – 1,923 R407C – 1,624 R410A – 1,924
	HCFC **Hydrochlorofluorocarbons**	Emissions linked to cooling systems.	HCFC-22 – 1,760 HCFC-141B - 782

Source: Brazilian GHG Protocol Program. / Note: PFC and NH_3 gas emissions were not disclosed because no emitting sources of these substances were identified during the reporting cycle.

The table presents the gas-generating sources and the GWP values used in the Inventory.

Data collection and responsibilities

ENGIE Brasil Energia has a structured system for managing its Greenhouse Gas (GHG) Inventory, with clearly defined responsibilities for data collection and consolidation and for the critical analysis of results. Since 2010, the inventory has been submitted to independent assurance, and the results have been disclosed in the Sustainability Report, the company's GHG Inventory and the public emissions registry (FGV), available on the institutional website and the CDP and ICO2 platforms.

The inventory was prepared according to the following steps:

Identification of ENGIE Brasil Energia focal points and training on climate change

Data collection and reporting through a specialized platform

Critical analysis of input data and GHG emissions by ENGIE Brasil Energia's Environmental Management team

After the assessment, populating the GHG Inventory with the year's consolidated results

Approval of the Inventory and external disclosure on the Company's website and in frameworks such as CDP and ICO2



Reporting period and baseline

This Inventory covers the GHG emissions associated with ENGIE Brasil Energia's activities in 2025, including both direct and indirect emissions, under the operational control and equity share approaches. All operating assets are included, ensuring the representativeness and scope of the reported information.

The baseline adopted is 2021, meaning updated emissions results were assessed against this benchmark. Adopting a baseline as a benchmark is important for consistently comparing emissions over time, making it possible to assess the Company's climate performance trajectory.

In 2023, the baseline was recalculated due to significant changes in ENGIE's operating profile, including the decommissioning of thermal power plants and the inclusion of new Scope 3 emissions categories, ensuring comparability and the integrity of the historical data series.

Operational and organizational boundaries

ENGIE Brasil Energia comprehensively accounts for all of its greenhouse gas emissions, including direct Scope 1 emissions, indirect emissions associated with purchased energy (Scope 2) and all applicable sources of indirect Scope 3 emissions.

In addition to conventional GHG emissions, the Inventory also covers biogenic carbon dioxide (CO_2) emissions from both the combustion of biomass-based fuels in stationary equipment, such as sugarcane bagasse, and from mobile sources, including the use of ethanol and biodiesel.

It also accounts for avoided emissions, the carbon stock of the Company's green areas and biogenic removals associated with land-use changes that result in changes in carbon stocks.

Operational boundaries

Scope 1

Agricultural activities: use of products such as fertilizers in agricultural areas.

Stationary combustion: stationary combustion for generating energy, whether electricity, steam or heat, using generators, boilers or engines.

Mobile combustion: movement of company vehicles and their fuel combustion.

Effluents: internal treatment of anaerobic liquid effluents.

Fugitive emissions: generated from substances such as sulfur hexafluoride (SF_6) in electrical equipment and hydrofluorocarbons (HFCs) found in refrigeration equipment or fire extinguishers.

Land-use change: licensed clearing of areas with native vegetation.

Solid waste: chemical reactions from composting and waste treatment at disposal sites controlled by the company.

Scope 2

Purchased electricity: resulting from the purchase of electricity.

Transmission electricity losses: energy losses in the transmission process.

Scope 3

Fuel and energy-related activities not included in Scopes 1 and 2: emissions that occur in the life cycle (extraction, production and transport) of fuels and energy purchased, consumed or sold by the company that are not accounted for in scopes 1 and 2. These emissions include those associated with energy sales to customers.

Capital goods: emissions that occur in the life cycle (extraction, production, transport) of capital goods purchased or acquired by the company.

Goods and services purchased: emissions that occur in the life cycle (extraction, production, transport) of capital goods purchased or acquired by the company.

Employee commuting: commuting by car, bus and subway between employees' homes and workplaces.

Effluents: from the treatment of liquid effluents outside the organization's boundaries, thus differing from the Scope 1 category.

Investments: emissions associated with TAG's operations (proportional to the % equity share).

Solid waste: disposal or treatment outside the organization's boundaries, landfilled, composted or incinerated.

Transportation and distribution (upstream): contractor vehicles used to transport products, inputs or people.

Business travel: air and ground travel taken by employees on behalf of the company.

Organizational boundaries

GHG emissions associated with ENGIE Brasil Energia's activities are classified as direct when they come from sources under its control, or indirect when they result from activities carried out by contractors as part of its operations.

Organizational boundaries are determined in accordance with GHG Protocol guidelines and adopts two complementary approaches: operational control, under which 100% of emissions from assets under the Company's control are accounted for; and equity share, which considers emissions in proportion to the company's ownership interest in each asset.

Sites by type of operational control and % equity share

	Operational Control	Equity Share
CEAR – Serra do Assuruá Wind Power Plant	Engie	100.00%
CECL – Campo Largo Wind Power Plant	Engie	100.00%
CESA – Santo Agostinho Wind Power Plant	Engie	100.00%
CETR – Trairi Wind Power Plant	Engie	100.00%
CEUR – Umburanas Wind Power Plant	Engie	100.00%
CFFL – Floresta Photovoltaic Power Plant	Engie	100.00%
CFJS – Juazeiro Photovoltaic Power Plant	Engie	100.00%
CFLS – Lar do Sol Photovoltaic Power Plant	Engie	100.00%
CFPA – Paracatu Photovoltaic Power Plant	Engie	100.00%
CFSB – Sertão Solar Barreiras Photovoltaic Power Plant	Engie	100.00%
CFSF – Sol do Futuro Photovoltaic Power Plant	Engie	100.00%
CFSP – São Pedro Photovoltaic Power Plant	Engie	100.00%
FVAE – Assú V Photovoltaic Power Plant	Engie	100.00%
PHJG - José Gelázio da Rocha Small Hydropower Plant	Engie	100.00%
PHRO - Rondonópolis Small Hydropower Plant	Engie	100.00%
Gavião Real Transmission System	Engie	100.00%
Gralha Azul Transmission System	Engie	100.00%
Graúna Transmission System	Engie	100.00%
Novo Estado Transmission System	Engie	100.00%
Associated Gas Transport Company	TAG	17.50%
UETB – Tubarão Wind Power Plant	Engie	100.00%

	Operational Control	Equity Share
UFCA – Cidade Azul Photovoltaic Power Plant	Engie	100.00%
UHCB - Cana Brava Hydropower Plant	Engie	100.00%
UHCC - Cachoeira Caldeirão Hydropower Plant	Engie	100.00%
UHET - Estreito Hydropower Plant	Estreito JV	40.07%
UHIT - Itá Hydropower Plant	Itá Consortium	68.99%
UHJA - Jaguara Hydropower Plant	Engie	100.00%
UHMA - Machadinho Hydropower Plant	Consórcio Machadinho	19.29%
UHMI - Miranda Hydropower Plant	Engie	100.00%
UHPF - Passo Fundo Hydropower Plant	Engie	100.00%
UHPP - Ponte de Pedra Hydropower Plant	Engie	100.00%
UHSA - São Salvador Hydropower Plant	Engie	100.00%
UHSJ - Santo Antônio do Jari Hydropower Plant	Engie	100.00%
UHSO - Salto Osório Hydropower Plant	Engie	100.00%
UHSS - Salto Santiago Hydropower Plant	Engie	100.00%
UTFE – Ferrari Thermoelectric Power Plant	Engie	100.00%
UTIB – Ibitiúva Bioenergética Thermoelectric Power Plant	Engie	69.26%

Important information for analyzing the results:

1 Accounting for new categories

Emissions increased from 2022 onward across all assets, the year in which new categories that had not previously been considered began to be accounted for.

2 Information about percentages and rounding

Due to rounding, the sum of some asset subtotals may not total 100%. Also due to rounding, some Scope 1 and 3 activities whose share of the total or year-over-year variation is very small (<0.5) may be shown as zero, although residual amounts do exist.

3 Market-based Approach

The market-based approach, which we use predominantly in this document, is a methodology that counts the emissions associated with the specific energy contracts the company chose to purchase, instead of using the national average emissions from the power grid, which is called the location-based approach.

4 Neutral scope 2 emissions

Since 2023, due to proof of the renewable origin of the energy consumed through the purchase of I-RECs, ENGIE Brasil Energia has recorded neutral emissions in Scope 2 under the market-based approach.





Results

3

Corporate

Results 3

Total emissions by source and Scope – 2025

Market-based approach

Emission Source	Operational Control		Equity Share	
	tCO_2e	%	tCO_2e	%
Scope 1	**13,108.80**	**6%**	**13,048.51**	**6%**
Stationary combustion	11,775.44	5%	11,694.33	5%
Fugitive emissions	658.11	0%	666.67	0%
Mobile combustion	528.77	0%	539.66	0%
Wastewater	123.32	0%	124.4	0%
Land Use changes	20.05	0%	20.05	0%
Agricultural Operations	3.11	0%	3.11	0%
Scope 2	**-**	**0%**	**-**	**0%**
Purchased electricity	-	0%	-	0%
Transmission Line Losses	-	0%	-	0%
Scope 3	**205,495.80**	**94%**	**205,907.14**	**94%**
Fuel- and energy-related activities not included in Scope 1 or Scope 2	83,147.09	38%	83,072.05	38%
Goods and services purchased	56,781.84	26%	57,008.33	22%
Investments	49,744.63	23%	49,744.63	23%
Capital goods	11,986.56	5%	12,133.00	6%
Transportation and distribution (downstream and upstream)	2,324.48	1%	2,376.34	1%
Business travel	1,341.65	1%	1,365.30	1%
Employee commuting	122.62	0%	160.55	0%
Wastewater	28.75	0%	28.75	0%
Waste	18.20	0%	18.20	0%
Grand Total	**218,604.60**	**100%**	**218,955.65**	**100%**

Types: Transmission | Solar | Wind | Hydro | Biomass

Total emissions by asset under Operational Control and Equity Share - 2025

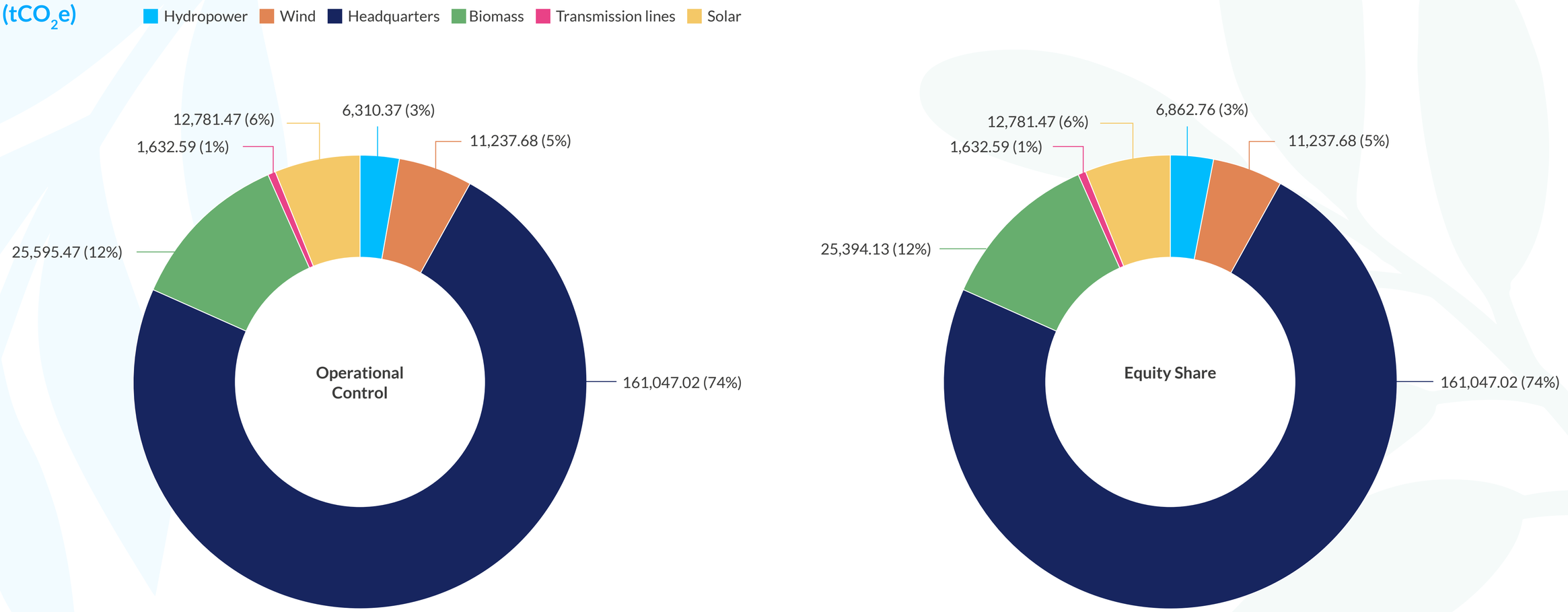
		Operational Control - Total Emissions (tCO_2e)						Equity Share - Total Emissions (tCO_2e)					
	Assets	Total market-based	Total location-based	Scope 1	Scope 2 market-based approach	Scope 2 location-based	Scope 3	Total market-based	Total location-based	Scope 1	Scope 2 market-based approach	Scope 2 location-based	Scope 3
	Headquarters	161,047.02	161,134.56	489.40	-	87.54	160,557.62	161,047.02	161,134.56	489.40	-	87.54	160,557.62
	UTFE	24,940.50	24,994.44	11,309.08	-	53.94	13,631.42	24,940.50	24,994.44	11,309.08	-	53.94	13,631.42
	CFFL	6,127.50	6,179.33	2.72	-	51.83	6,124.79	6,127.50	6,179.33	2.72	-	51.83	6,124.79
	CEAR	4,769.95	4,878.09	25.33	-	108.14	4,744.62	4,769.95	4,878.09	25.33	-	108.14	4,744.62
	CFPA	2,826.28	2,893.54	78.71	-	67.26	2,747.57	2,826.28	2,893.54	78.71	-	67.26	2,747.57
	CEUR	2,023.24	2,054.91	129.95	-	31.66	1,893.29	2,023.24	2,054.91	129.95	-	31.66	1,893.29
	CETR	1,929.14	1,947.65	143.99	-	18.51	1,785.15	1,929.14	1,947.65	143.99	-	18.51	1,785.15
	UHSO	1,703.17	1,721.27	12.37	-	18.11	1,690.80	1,703.17	1,721.27	12.37	-	18.11	1,690.80
	CECL	1,550.86	1,590.75	106.55	-	39.89	1,444.31	1,550.86	1,590.75	106.55	-	39.89	1,444.31
	UHJA	1,453.46	1,505.75	27.43	-	52.29	1,426.03	1,453.46	1,505.75	27.43	-	52.29	1,426.03
	STGA	1,055.63	9,087.73	135.89	-	8,032.11	919.73	1,055.63	9,087.73	135.89	-	8,032.11	919.73
	CESA	960.44	967.29	11.63	-	6.85	948.81	960.44	967.29	11.63	-	6.85	948.81
	FVAE	949.49	985.42	15.24	-	35.93	934.24	949.49	985.42	15.24	-	35.93	934.24
	CFSB	892.18	911.25	13.63	-	19.07	878.55	892.18	911.25	13.63	-	19.07	878.55
	CFLS	845.39	892.82	11.22	-	47.42	834.18	845.39	892.82	11.22	-	47.42	834.18
	UHPP	713.28	713.33	24.26	-	0.05	689.02	713.28	713.33	24.26	-	0.05	689.02
	UTIB	654.97	663.25	282.15	-	8.28	372.81	453.63	459.37	195.42	-	5.74	258.21
	UHSS	625.29	707.35	14.61	-	82.06	610.68	625.29	707.35	14.61	-	82.06	610.68
	STNE	572.82	7,947.67	46.34	-	7,374.84	526.48	572.82	7,947.67	46.34	-	7,374.84	526.48

Types: Transmission | Solar | Wind | Hydro | Biomass

	Assets	Operational Control - Total Emissions (tCO_2e)						Equity Share - Total Emissions (tCO_2e)					
		Total market-based	**Total** location-based	**Scope 1**	Scope 2 market-based approach	**Scope 2 location-based**	**Scope 3**	Total market-based	**Total** location-based	**Scope 1**	Scope 2 market-based approach	**Scope 2 location-based**	**Scope 3**
	UHMI	564.25	566.24	14.51	-	1.99	549.74	564.25	566.24	14.51	-	1.99	549.74
	CFJS	553.46	584.41	4.87	-	30.95	548.59	553.46	584.41	4.87	-	30.95	548.59
	UHCB	481.92	481.92	9.38	-	0.00	472.04	481.92	481.92	9.88	-	0.00	472.04
	CFSP	358.94	374.48	10.87	-	15.54	348.06	358.94	374.48	10.87	-	15.54	348.06
	UHPF	258.26	270.43	18.64	-	12.16	239.63	258.26	270.43	18.64	-	12.16	239.63
	PHRO	207.21	209.09	6.57	-	1.88	200.64	207.21	209.09	6.57	-	1.88	200.64
	CFSF	204.13	219.75	5.49	-	15.62	198.64	204.13	219.75	5.49	-	15.62	198.64
	UHSJ	142.95	150.36	85.53	-	7.41	57.42	142.95	150.36	85.53	-	7.41	57.42
	UHSA	82.63	82.63	32.53	-	0.00	50.09	82.63	82.63	32.53	-	0.00	50.09
	UHCC	59.46	68.17	33.46	-	8.71	26.00	59.46	68.17	33.46	-	8.71	26.00
	UFCA	24.10	24.64	-	-	0.54	24.10	24.10	24.64	-	-	0.54	24.10
	PHJG	18.50	20.84	5.26	-	2.35	13.23	18.50	20.84	5.26	-	2.35	13.23
	UETB	4.05	18.51	-	-	14.46	4.05	4.05	18.51	-	-	14.46	4.05
	STGR	3.28	3.28	-	-	-	3.28	3.28	3.28	-	-	-	3.28
	STGN	0.86	1,394.84	0.69	-	1,393.98	0.17	0.86	1,394.84	0.69	-	1,393.98	0.17
	UHET	-	-	-	-	-	-	164.01	168.89	15.92	-	4.89	148.09
	UHIT	-	-	-	-	-	-	324.59	339.53	9.31	-	14.93	315.28
	UHMA	-	-	-	-	-	-	63.79	63.84	1.22	-	0.05	62.57
	Grand total	218,604.60	236,245.97	13,108.80	-	17,641.38	205,495.80	218,955.65	236,614.34	13,048.51	-	17,658.69	205,907.14

Relevance of projects under Operational Control and Equity Share - 2025

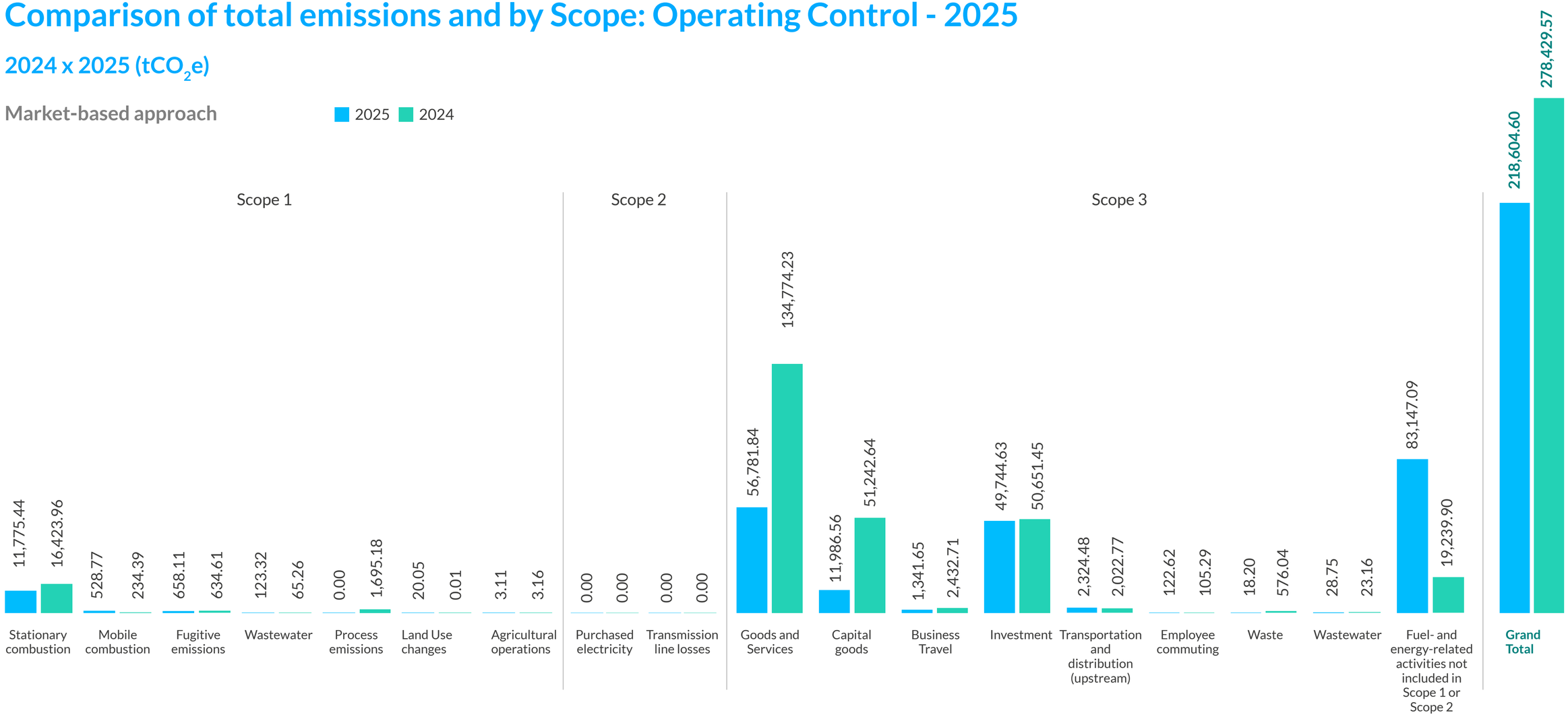
(tCO_2e)



Comparison of total emissions and by Scope: Operating Control - 2025

2024 x 2025 (tCO_2e)

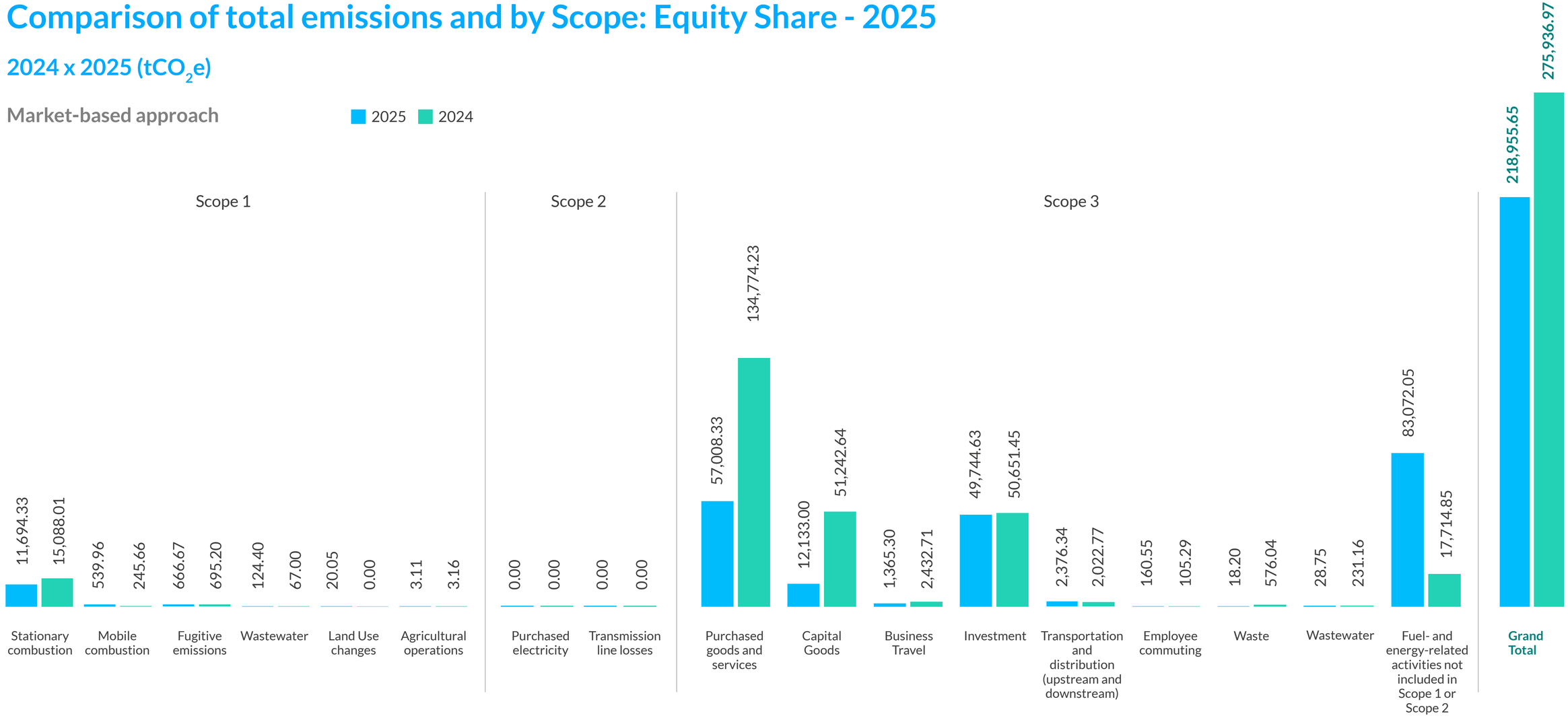
Market-based approach



Comparison of total emissions and by Scope: Equity Share - 2025

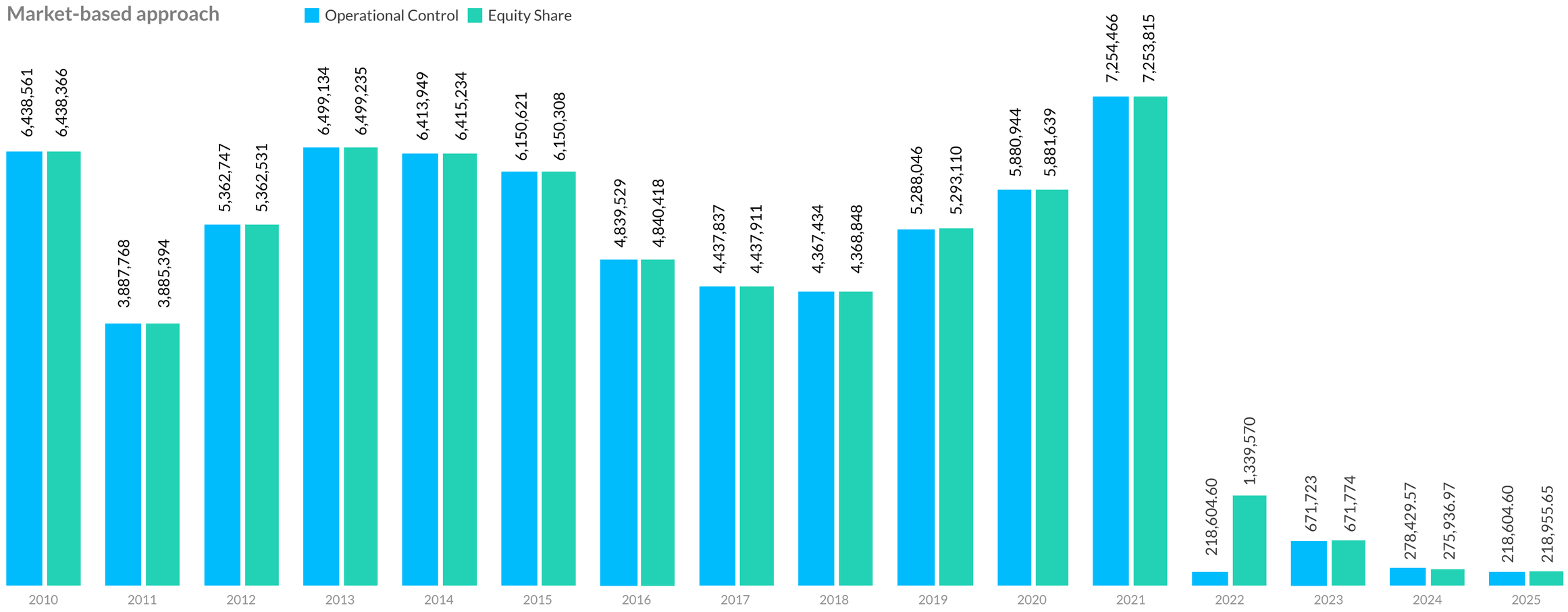
2024 x 2025 (tCO_2e)

Market-based approach



Change in total emissions rate

(tCO_2e)



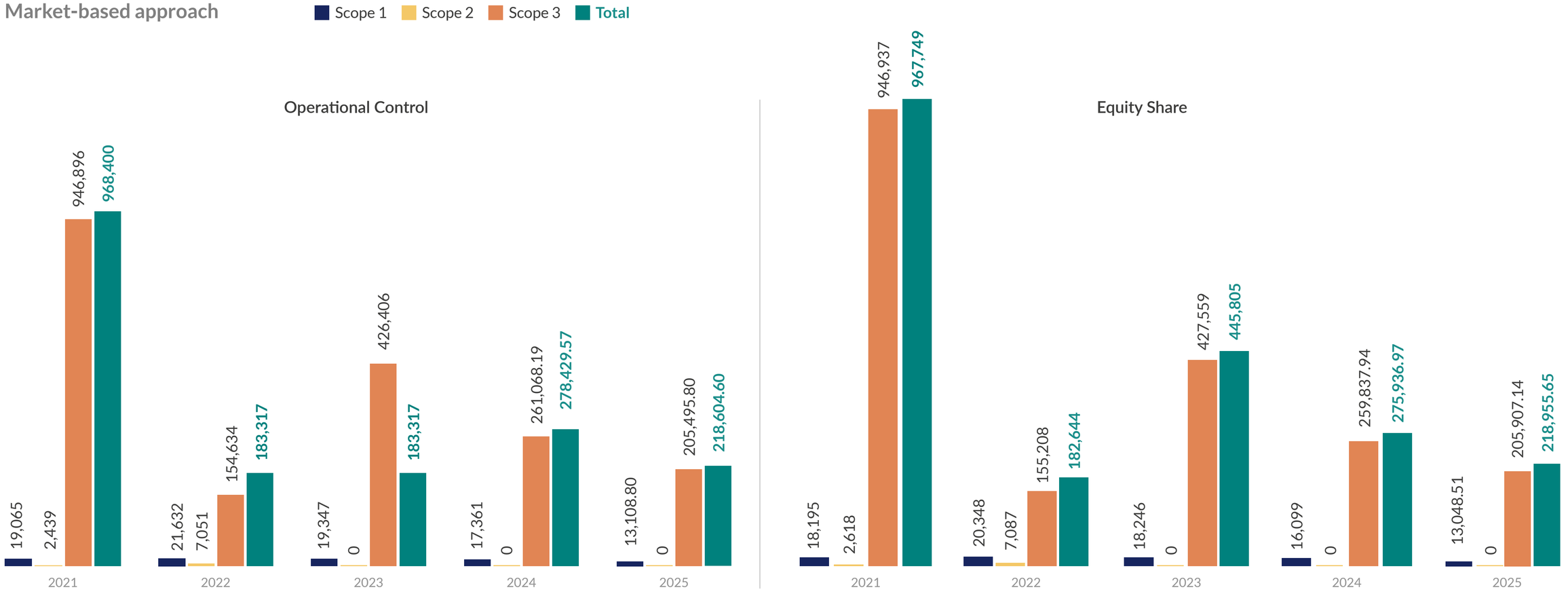
Change in total emissions and by Scope

2021 to 2025 (tCO_2e)

This chart presents a recalculation of emissions from the inventory base year onward, excluding coal plants to allow better comparability.

Excluding coal plants

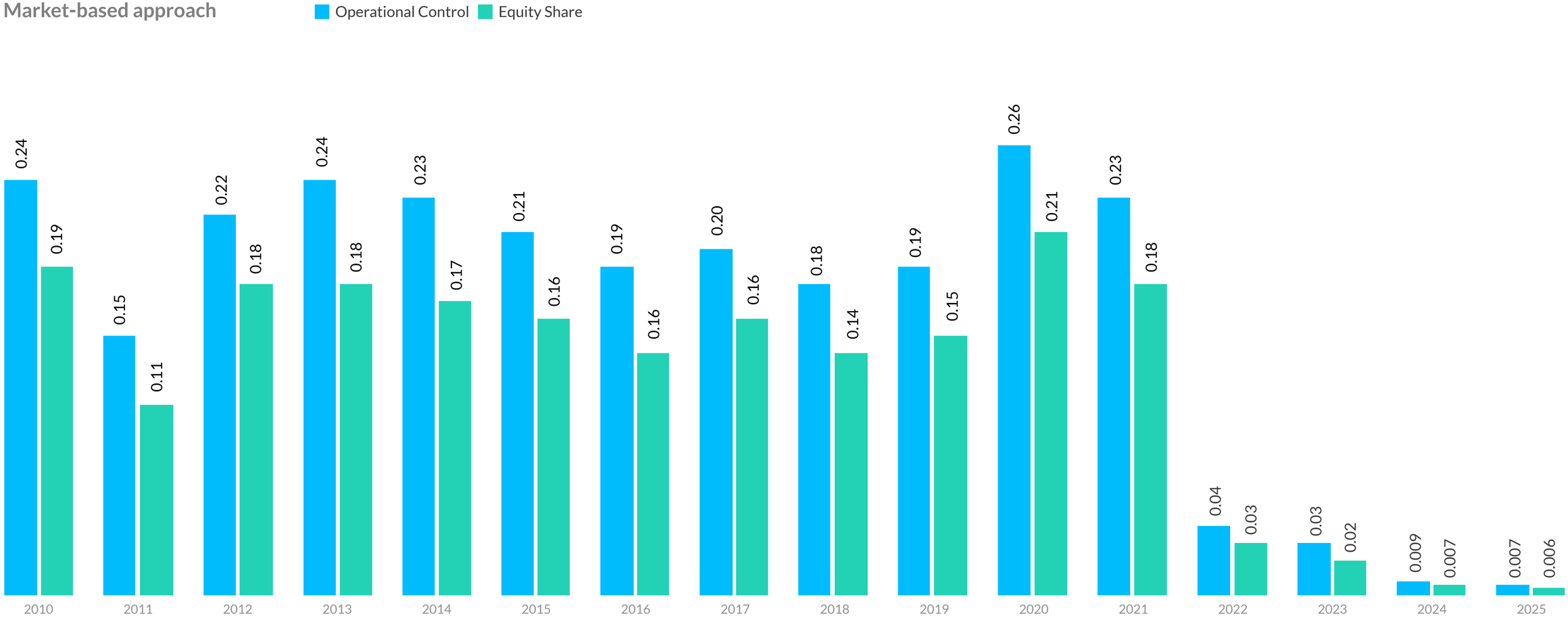
Market-based approach



Trend in the total emissions / net power generation indicator

(tCO_2e/MWh)

Market-based approach

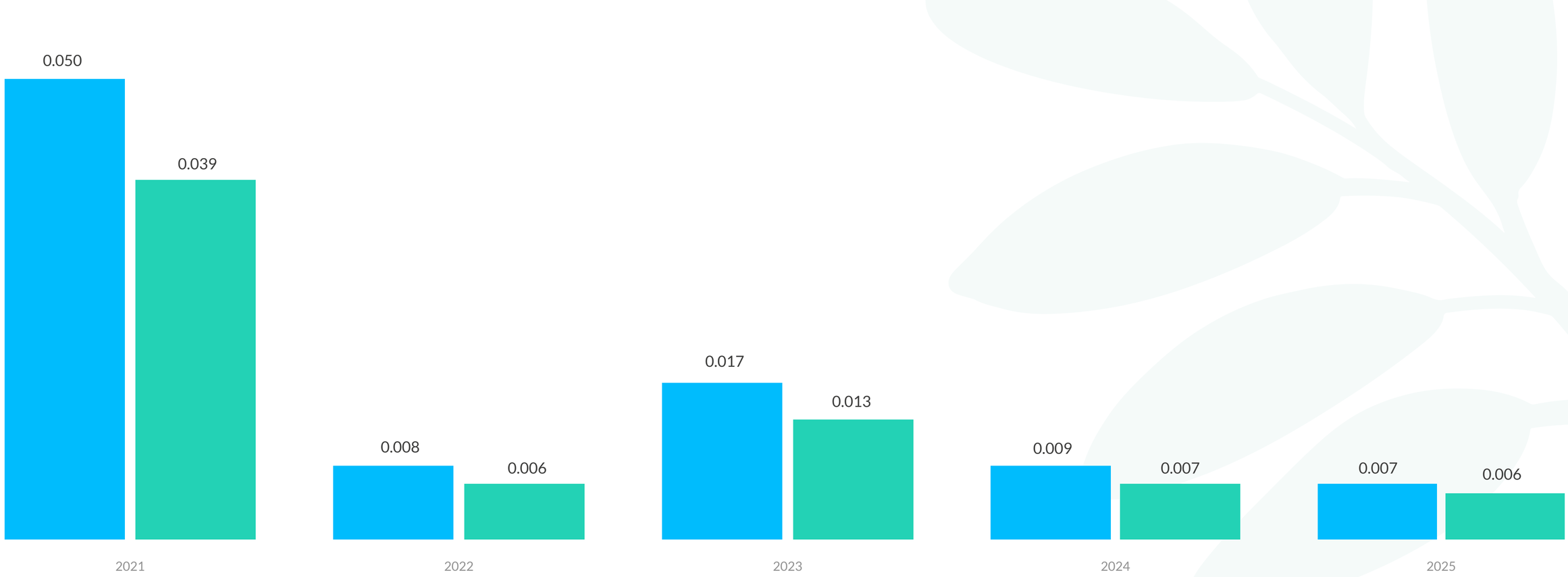


Trend in the total emissions / net power generation indicator

(tCO_2e/MWh)

Excluding coal plants

Market-based approach



Trend in the plant emissions / net power generation indicator

(tCO_2e/MWh)

Market-based approach

Assets	Operational Control	Equity Share
UTFE	0.143	0.143
UTIB	0.071	0.071
CFFL	0.043	0.043
FVAE	0.015	0.015
PHRO	0.014	0.020
CFPA	0.013	0.013
CFSF	0.007	0.009
CFSB	0.006	0.006
UHCC	0.006	0.009
CFSP	0.005	0.005
CETR	0.004	0.004
CFLS	0.003	0.003
CFJS	0.003	0.003
CEAR	0.002	0.002
CEUR	0.001	0.001
CECL	0.001	0.001
UETB	0.0009	0.0009
CESA	0.0008	0.0008
UHJA	0.0008	0.0008
UHPP	0.0007	0.0007
UHSA	0.0006	0.0006
UHSJ	0.0005	0.0024
UHMI	0.0004	0.0004
UHSO	0.0003	0.0003
PHJG	0.0003	0.0003
UHCB	0.0003	0.0003
UHPF	0.0002	0.0003
UHSS	0.0001	0.0001
UHIT*	–	0.0001
UHET*	–	0.0002
UHMA*	–	0.0001

* The assets UHIT, UHET and UHMA are only reported under the equity share approach.

Emissions balance - 2025

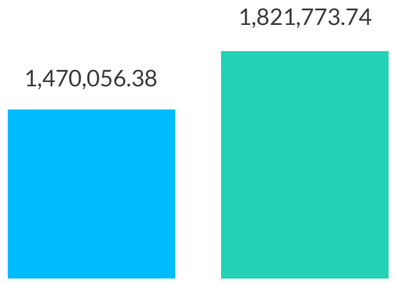
(tCO_2e)

Operational Control Equity Share

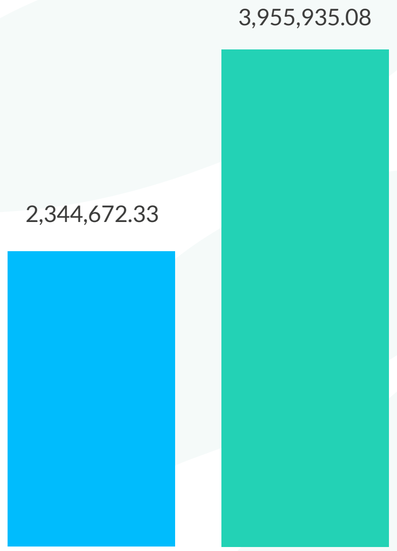
Total Emissions
(Market-based Approach)



Emissions Avoided
(Renewable Energy Generation)



Carbon Stock in APPs, RPPN and Remaining Areas



GHG Emissions - 2025

(metric tons)

	Scope 1							Scope 2		Scope 3		
Assets	CO_2	CH_4	N_2O	HFC-125	HFC-134A	HFC-32	SF_6	CO_2 (Location)	CO_2 (Market-based)	CO_2	CH_4	N_2O
Operational Control												
Grand total	716.55	185.79	24.66	0.10	0.00	0.10	0.01	17,641.38	-	205,355.25	1.93	0.33
Equity Share												
Grand total	732.49	184.46	24.48	0.10	0.00	0.10	0.01	17,658.69	-	205,763.78	1.95	0.33

Emissions by gases not controlled by the Kyoto Protocol - 2025

(tCO_2e)

Emission Source	HFC-22	Total
Total Operational Control	41.69	41.69
Total Equity Share	46.74	46.74

*The non-disclosure of the PFC, HFC141B and NH3 gas emissions are not disclosed because no emitting sources of these substances were identified during the reporting cycle.

Comparison of biogenic emissions by source and Scope: Operational Control

Emission Source	2025		2024		2025 x 2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**611,414.48**	**100%**	**838,687.52**	**100%**	**-227,273.04**	**-27%**
Stationary combustion	610,988.59	100%	838,330.78	100%	-227,342.19	-27%
Mobile combustion	425.89	0%	356.74	0.0%	69.15	19%
Scope 3	**1,199.74**	**0%**	**870.43**	**0.0%**	**488.48**	**56%**
Business Travel	444.42	0%	168.72	0.0%	275.70	163%
Goods and Services Purchased	-	0%	4.63	0.0%	-	0%
Transportation and distribution (upstream)	736.08	0%	680.96	0.0%	214.29	31%
Employee commuting	19.24	0%	16.12	0.0%	3.12	19%
Grand Total	**612,614.22**	**100%**	**839,557.95**	**100%**	**-226,784.56**	**-27%**

Comparison of biogenic emissions by source and Scope: Equity Share

Emission Source	2025		2024		2025 x 2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**606,875.25**	**100%**	**768,119.88**	**100%**	**-161,244.63**	**-21%**
Stationary combustion	606,423.64	100%	767,738.30	100%	-161,314.66	-21%
Mobile combustion	451.61	0%	381.59	0%	70.02	18%
Scope 3	**1,232.48**	**0%**	**882.86**	**0%**	**349.62**	**40%**
Business Travel	446.19	0%	172.78	0%	273.41	158%
Goods and Services Purchased	-	0%	4.63	0%	-4.63	-100%
Transportation and distribution (upstream)	761.34	0%	683.35	0%	77.99	11%
Employee commuting	24.95	0%	22.09	0%	2.86	13%
Grand Total	**608,107.73**	**100%**	**769,002.74**	**100%**	**-160,895.01**	**-21%**

Uncertainty assessment for calculated emissions

Resource	% Fixed Activity Uncertainty	% Fixed Uncertainty Factor	Calculated Emissions Uncertainty	Certainty Ranking
Diesel - Stationary Combustion	15.00%	7.00%	16.55%	Medium
Diesel - Mobile Combustion	15.00%	7.00%	16.55%	Medium
Ethanol - Mobile Combustion	15.00%	7.00%	16.55%	Medium
Gasoline - Stationary Combustion	15.00%	7.00%	16.55%	Medium
Gasoline - Mobile Combustion	15.00%	7.00%	16.55%	Medium
Air Travel - Short Haul	15.00%	7.00%	16.55%	Medium
Air Travel - Medium Haul	15.00%	7.00%	16.55%	Medium
Air Travel - Long Haul	15.00%	7.00%	16.55%	Medium
Sugarcane Bagasse - UTFE	5.00%	7.00%	8.60%	Good
Sugarcane Bagasse - UTIB	5.00%	7.00%	8.60%	Good
Electricity	0.20%	7.00%	7.00%	Good
LPG	5.00%	7.00%	8.60%	Good
R-22	5.00%	2.00%	5.39%	Good
R-410A	5.00%	2.00%	5.39%	Good
R-134A	5.00%	2.00%	5.39%	Good
SF6	5.00%	2.00%	5.39%	Good
CO2	5.00%	0.00%	5.00%	High
Wastewater	5.00%	67.00%	67.19%	Low
Nitrogen - Fertilizer	5.00%	33.00%	33.38%	Low
Regular Waste	5.00%	67.00%	67.19%	Low
Organic Waste	5.00%	67.00%	67.19%	Low
Paper and Cardboard Waste	5.00%	67.00%	67.19%	Low
			Accumulated Uncertainty	
		Average	**6%**	**Good**

Reference: High (< 5%) Good (5% to 15%) Reasonable (15% to 30%) Low (> 30%)

Administrative offices/ Head office

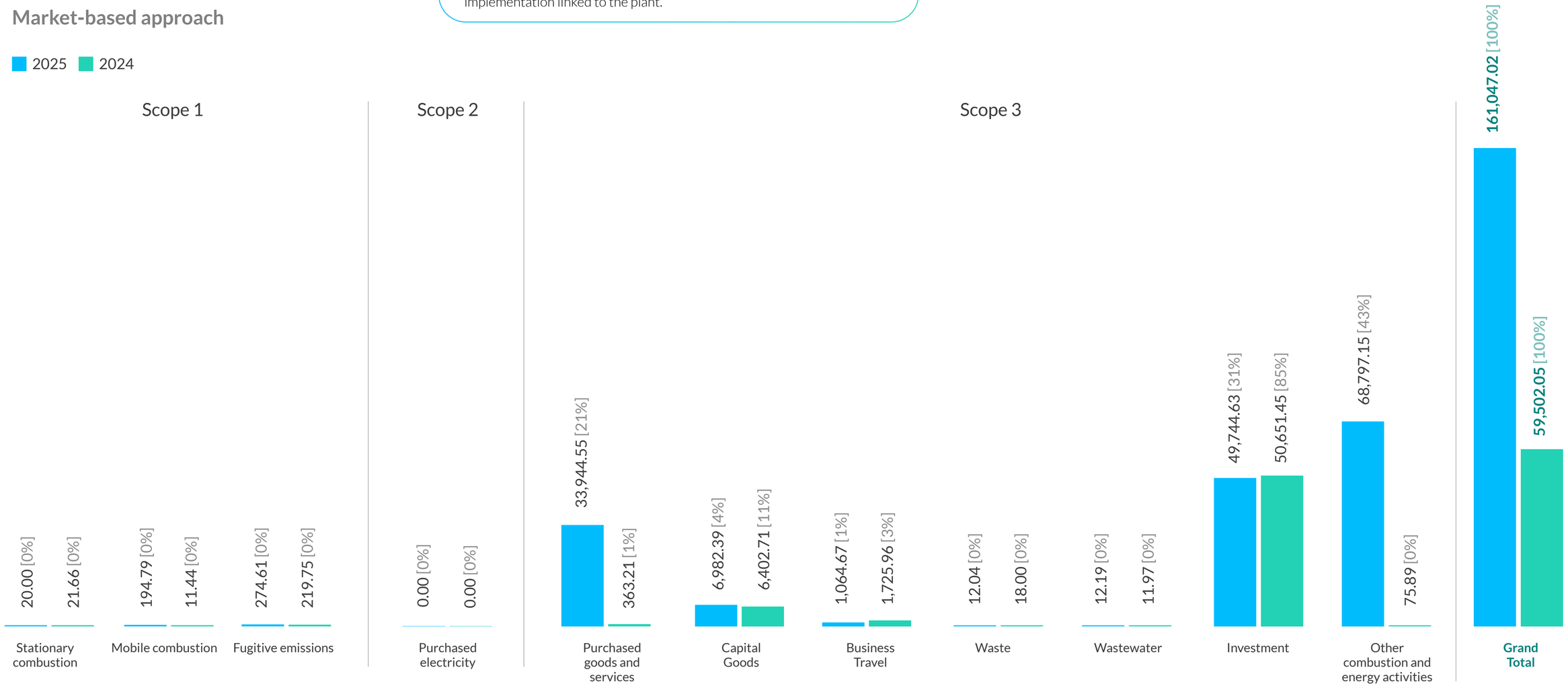
Results 3

Emissions comparison

2025 x 2024 (tCO_2e)

Market-based approach

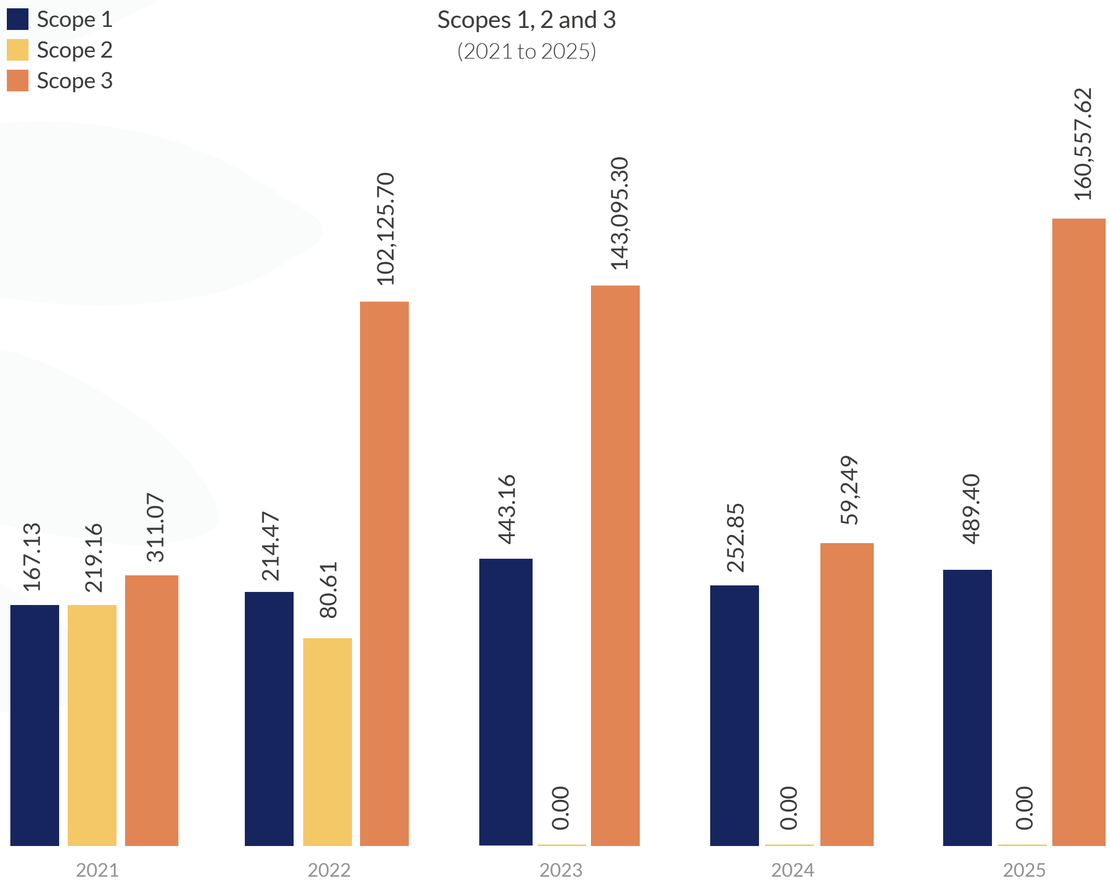
The variation is related to the inclusion of values from Company projects under implementation linked to the plant.

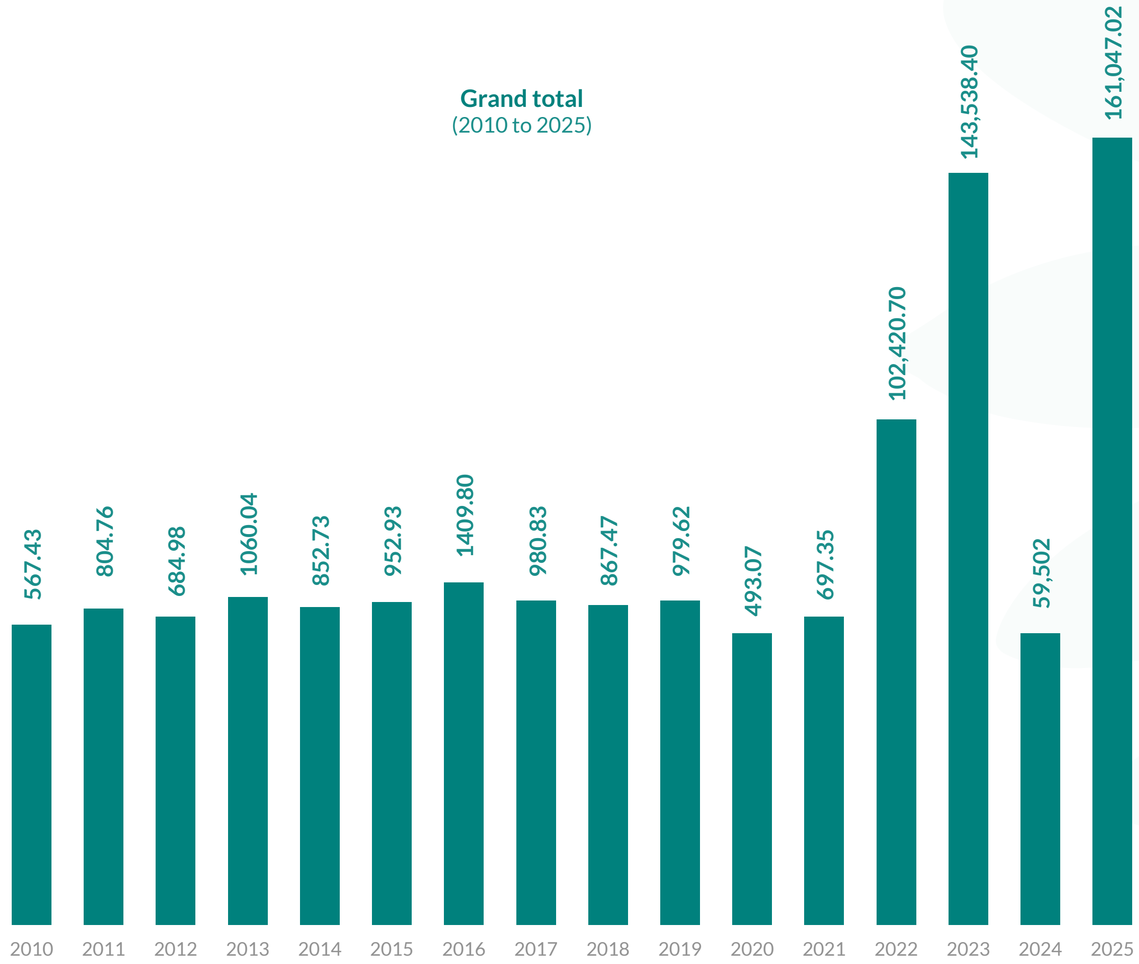


Changes in emissions

(tCO_2e)

Market-based approach





Comparison of biogenic emissions by source

2025 x 2024 (tCO_2e)

	Biogenic Emissions				Change	
Emission Source	2025		2024		2025 X 2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
SCOPE 1	**58.06**	**15%**	**7.47**	**6%**	**50.59**	**677%**
Stationary combustion	3.24	1%	3.17	3%	0.07	2%
Mobile combustion	54.82	15%	4.30	3%	50.52	1,175%
SCOPE 3	**319.82**	**85%**	**116.34**	**94%**	**203.48**	**175%**
Business Travel	319.82	85%	116.34	94%	203.48	175%
Grand Total	**377.88**	**100%**	**123.81**	**100%**	**254.07**	**205%**

Renewable assets

RECR
Ceará and Rio Grande do Norte regional wind

REOB
Bahia regional wind

RSCR
Ceará and Rio Grande do Norte regional solar

RSBM
Bahia and Minas regional solar

RERU
Rio Uruguai regional

RERI
Rio Iguaçu regional

REMG
Minas Gerais regional

RERT
Rio Tocantins regional

REAP
Amapá regional

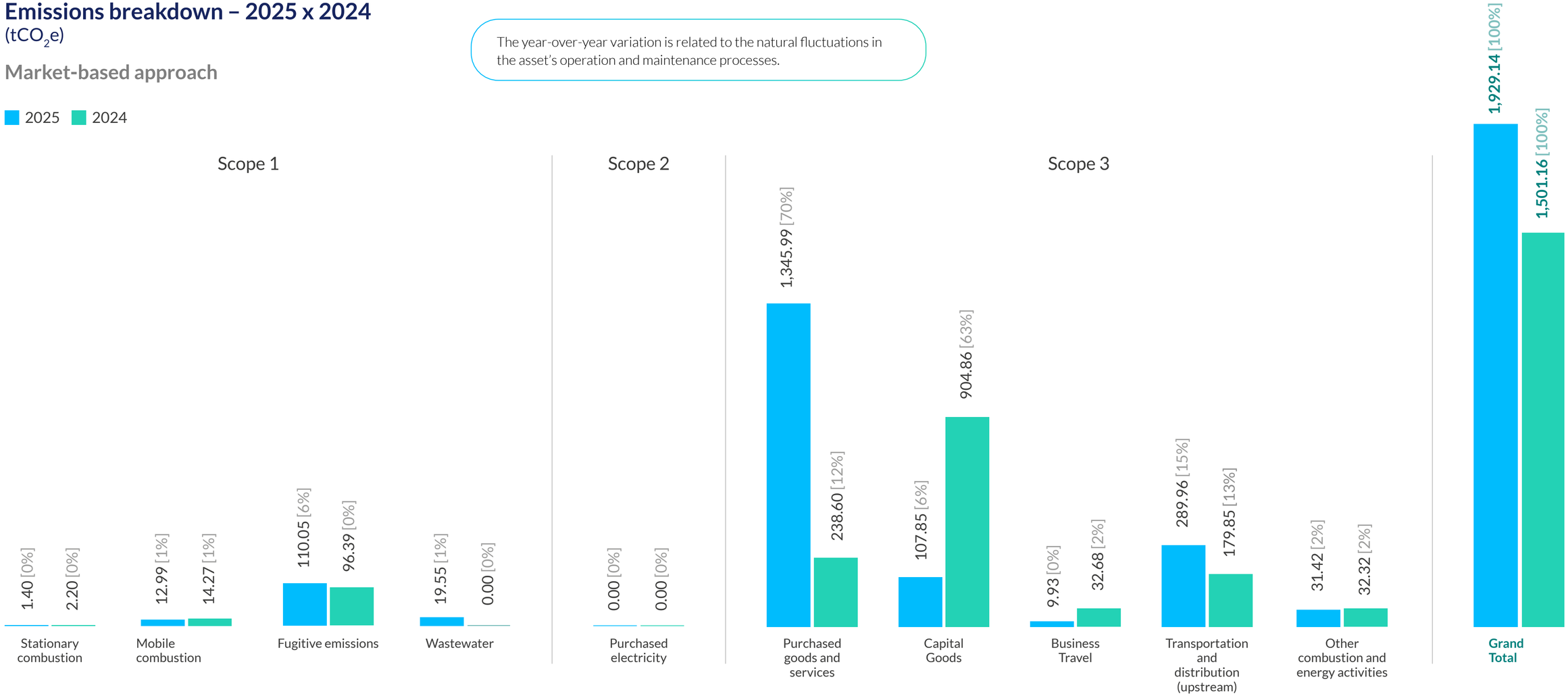
RECR – Ceará and Rio Grande do Norte regional wind

CETR – Trairi Wind Power Planta

Emissions breakdown – 2025 x 2024
(tCO_2e)

Market-based approach

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.



RECR – Ceará and Rio Grande do Norte regional wind

CETR – Trairi Wind Power Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

2021	58.29
2022	15.41
2023	45.73
2024	112.86
2025	143.99

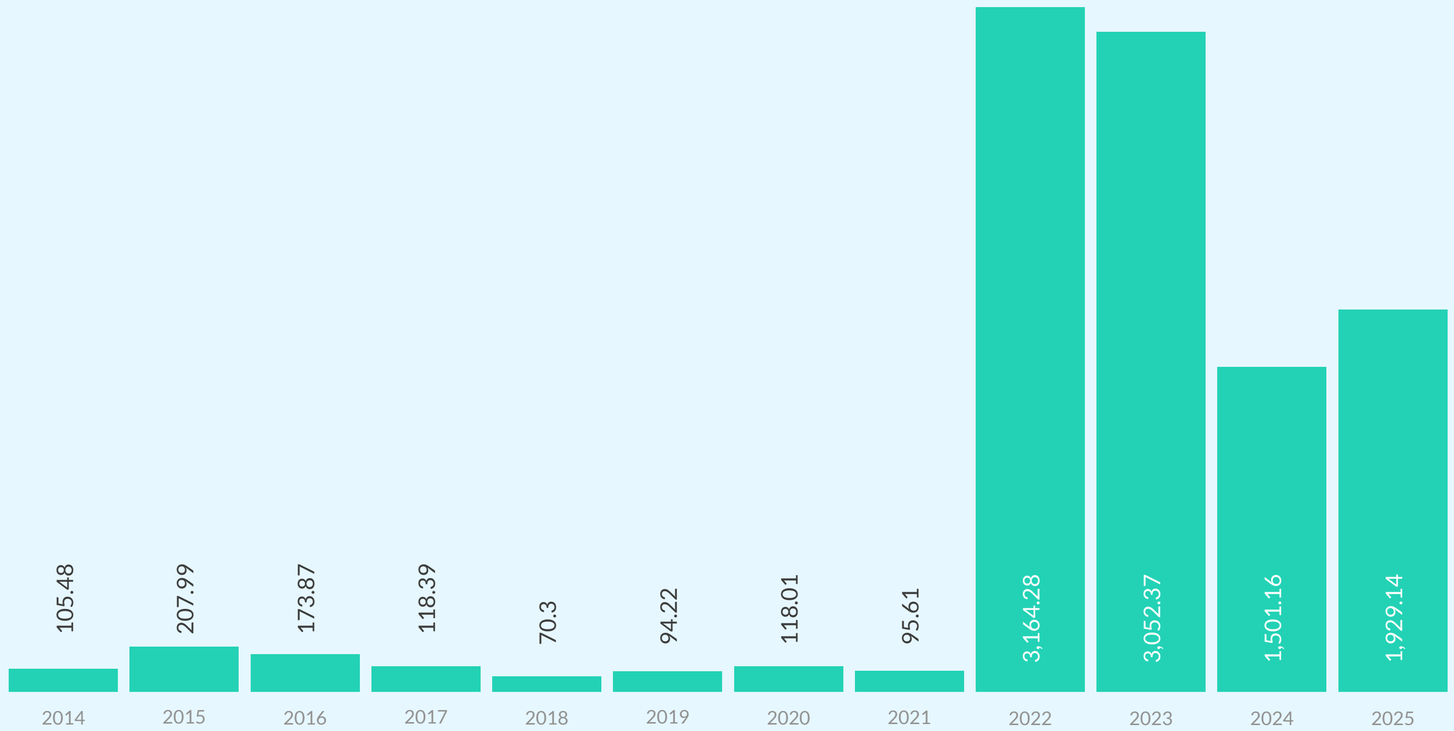
Scope 2

2021	24.65
2022	17.34
2023	0
2024	0
2025	0

Scope 3

2021	12.67
2022	3,131.53
2023	3,006.64
2024	1,388.3
2025	1,785.15

Total emissions



RECR – Ceará and Rio Grande do Norte regional wind

CETR – Trairi Wind Power Plant

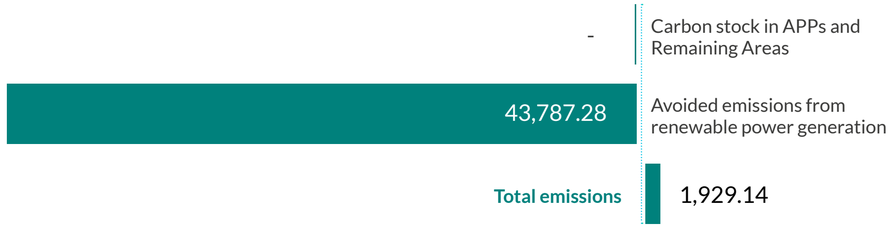
Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**35.42**	**34%**	**38.36**	**63%**	**-2.94**	**-8%**
Stationary combustion	0.24	0%	0.36	6%	-0.12	-33%
Mobile combustion	35.18	34%	38.01	56%	-2.83	-7%
Scope 3	**68.98**	**66%**	**35.48**	**37%**	**33.5**	**94%**
Business travel	5.08	5%	4.19	20%	0.89	21%
Transportation and Distribution (upstream)	63.90	61%	31.29	18%	32.61	104%
Grand Total	**104.40**	**100%**	**73.84**	**100%**	**30.56**	**41%**

There was a 41% increase in biogenic emissions compared with 2025 and 2024, associated with higher emissions from mobile combustion (34%) and upstream transportation and distribution (61%).

Emissions Balance (tCO_2e)



RECR – Ceará and Rio Grande do Norte regional wind

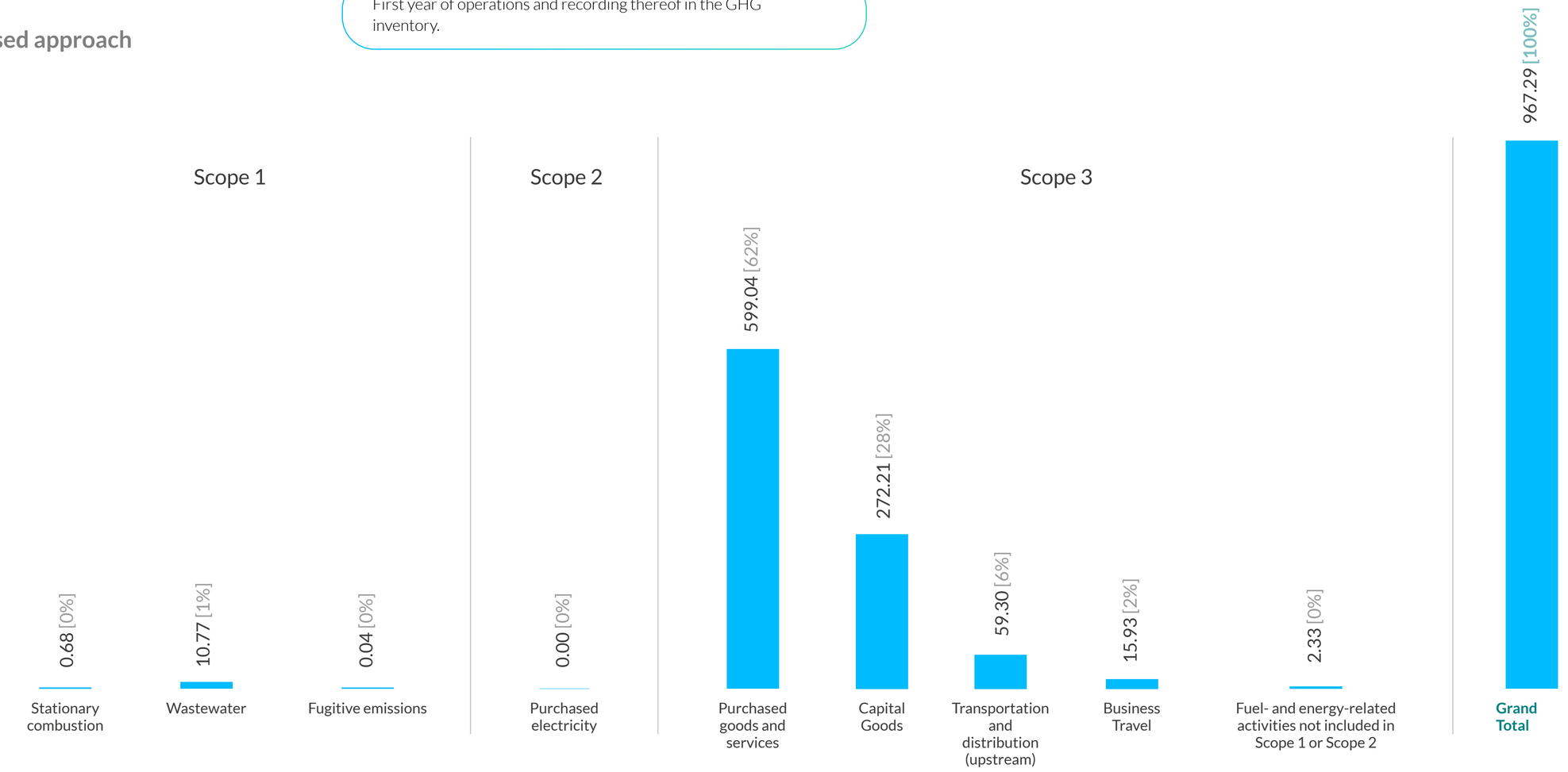
CESA – Santo Agostinho Wind Power Plant

Emissions breakdown – 2025

(tCO_2e)

Market-based approach

First year of operations and recording thereof in the GHG inventory.



RECR – Ceará and Rio Grande do Norte regional wind

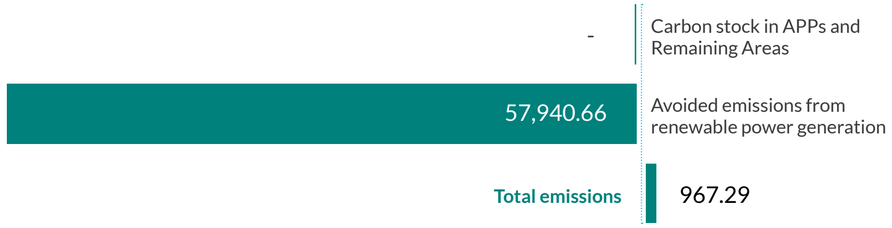
CESA – Santo Agostinho Wind Power Plant

Biogenic emissions by Source in 2025
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions	
	tCO_2e	%
Scope 1		
Stationary combustion	0.13	1%
Scope 3		
Transportation and Distribution (upstream)	15.87	73%
Business travel	5.72	26%
Grand Total	**21.73**	**100%**

Emissions Balance (tCO_2e)



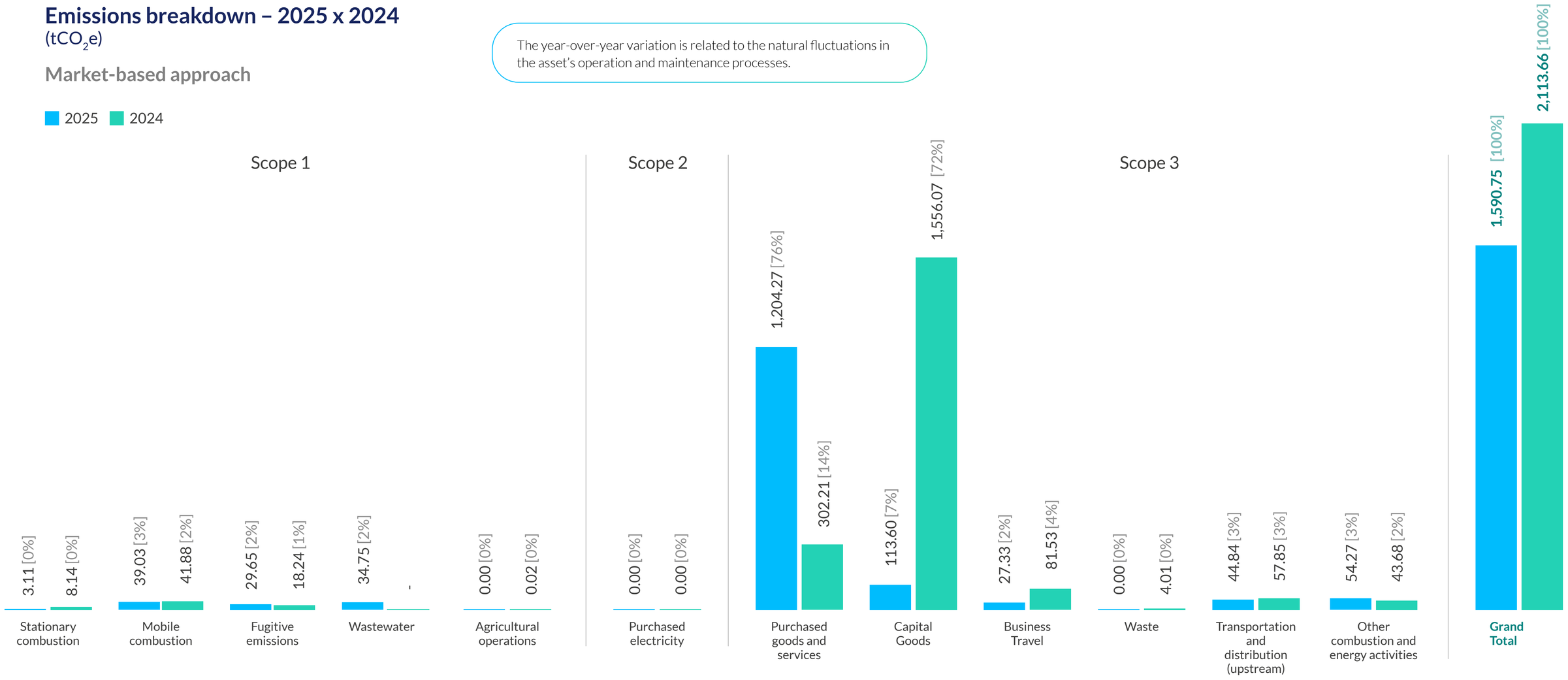
REOB – Bahia Regional Wind

CECL – Campo Largo Wind Power Plant

Emissions breakdown – 2025 x 2024
(tCO_2e)

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.

Market-based approach



REOB – Bahia Regional Wind

CECL – Campo Largo Wind Power Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

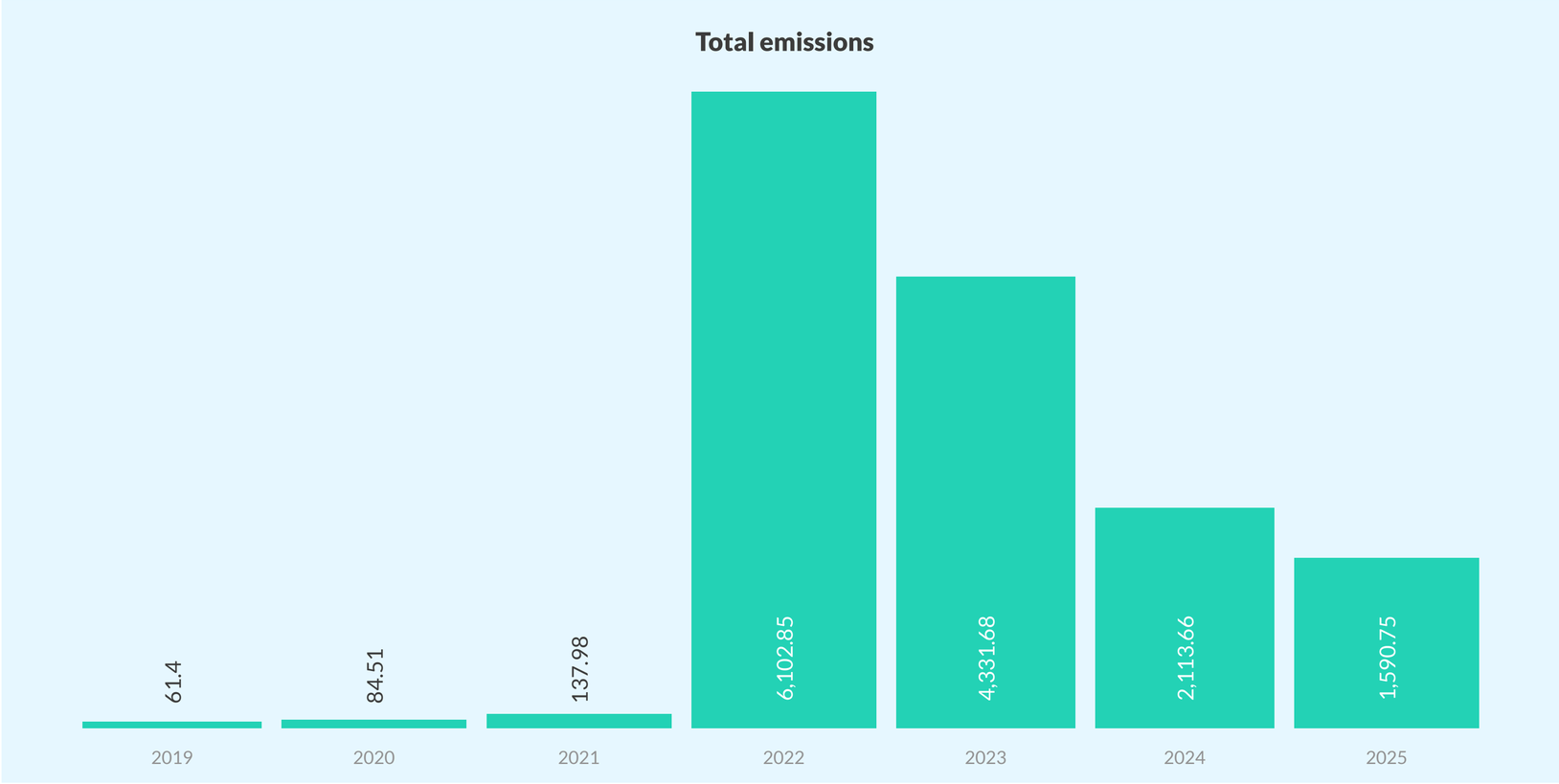
2021	74.2
2022	104.95
2023	74.68
2024	68.3
2025	106.55

Scope 2

2021	30.40
2022	19.89
2023	0
2024	0
2025	0

Scope 3

2021	33.38
2022	5,978.01
2023	4,257
2024	2,045.36
2025	1,444.31



REOB – Bahia Regional Wind

CECL – Campo Largo Wind Power Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**50.13**	**68%**	**47.56**	**78%**	**2.57**	**5%**
Stationary combustion	0.91	1%	1.80	3%	-0.89	-49%
Mobile combustion	49.22	66%	45.77	75%	3.45	8%
Scope 3	**24.00**	**32%**	**22.95**	**22%**	**1.05**	**5%**
Business travel	14.12	19%	13.73	22%	0.39	3%
Transportation and Distribution (upstream)	9.88	13%	9.22	15%	0.66	7%
Grand Total	**74.13**	**100%**	**70.51**	**100%**	**3.62**	**5%**

Emissions Balance (tCO_2e)



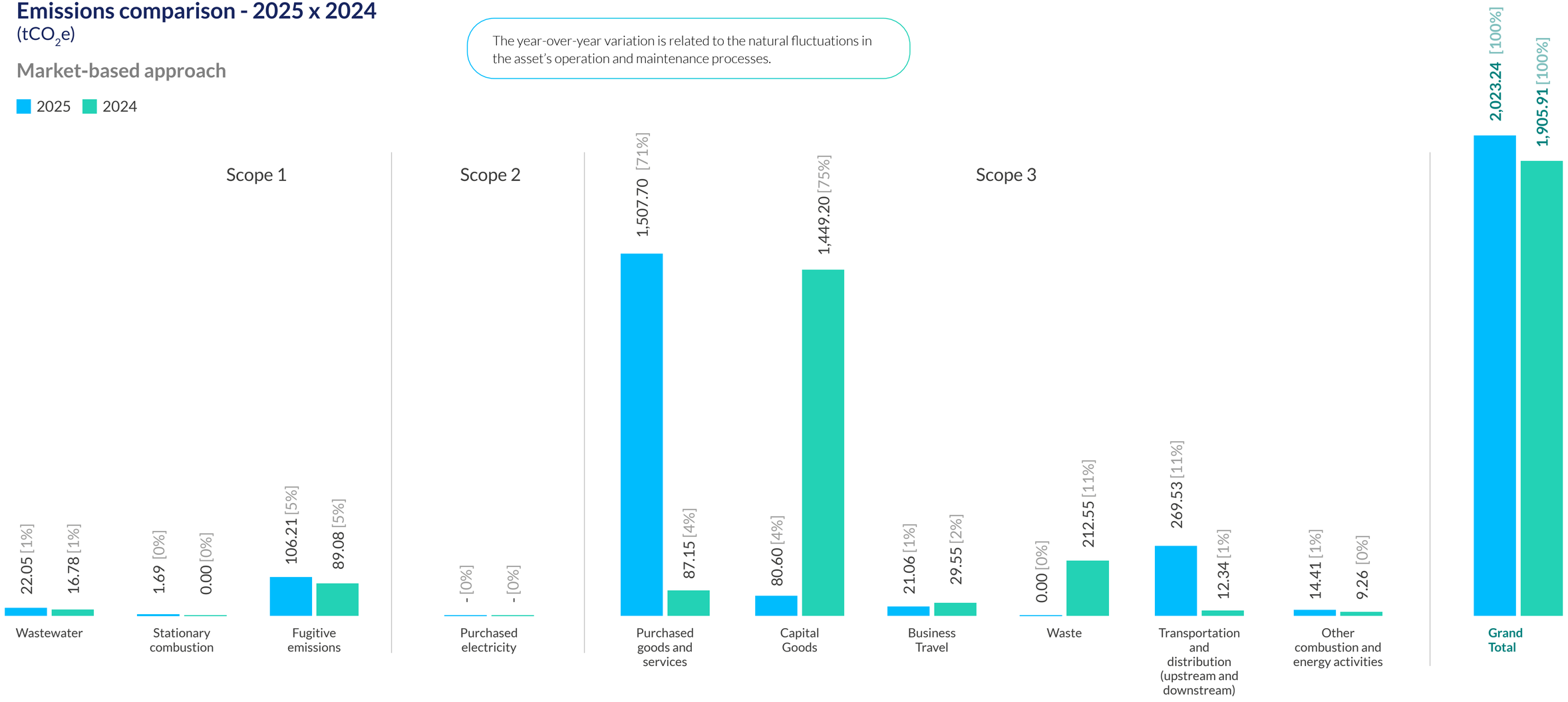
REOB – Bahia Regional Wind

CEUR – Umburanas Wind Power Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

Market-based approach

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.



REOB – Bahia Regional Wind

CEUR – Umburanas Wind Power Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

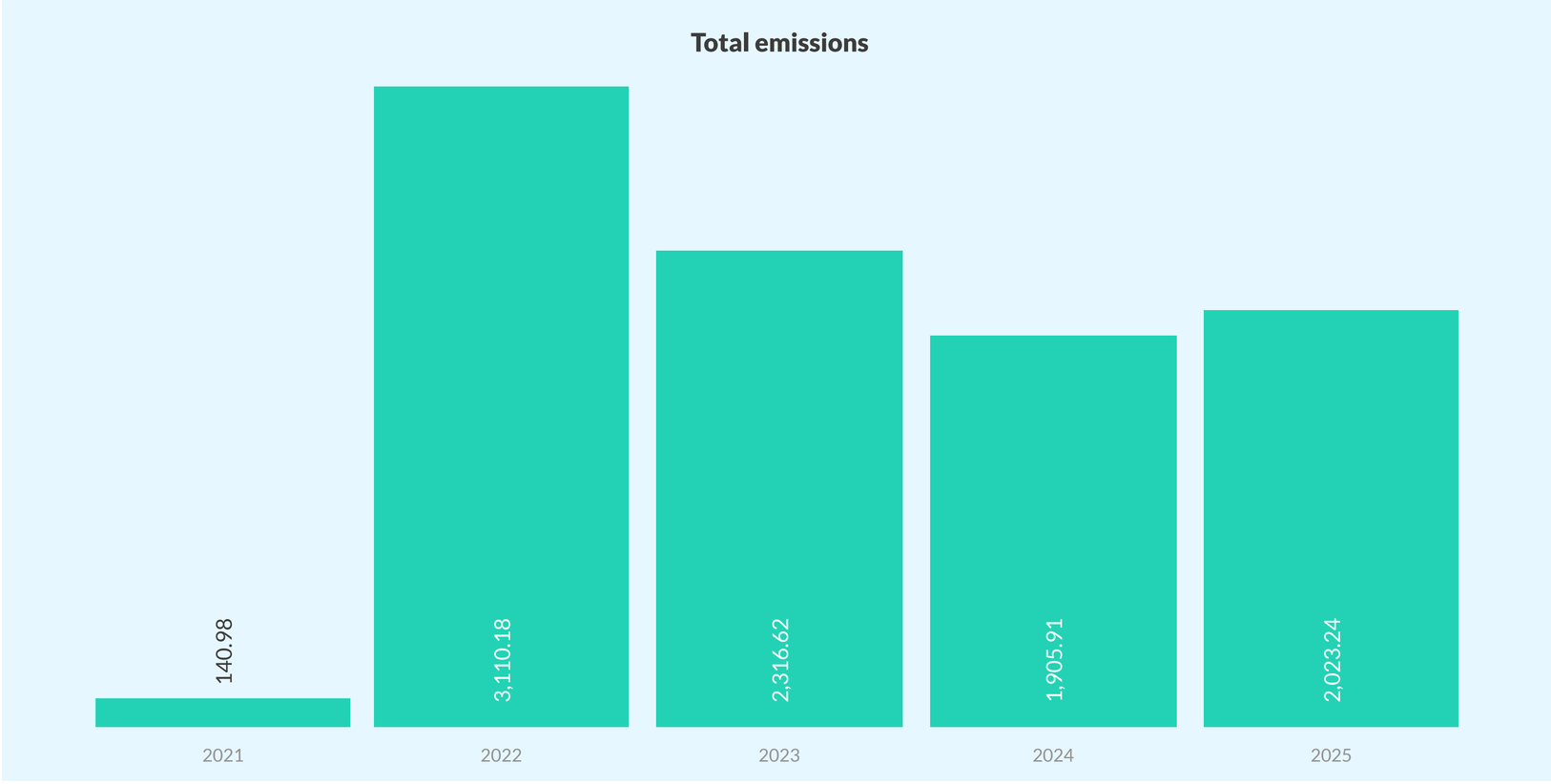
2021	89.26
2022	30.43
2023	91.93
2024	105.86
2025	129.95

Scope 2

2021	32.54
2022	20.99
2023	0
2024	0
2025	0

Scope 3

2021	19.18
2022	3,058.76
2023	2,224.69
2024	1,800.05
2025	1,893.29



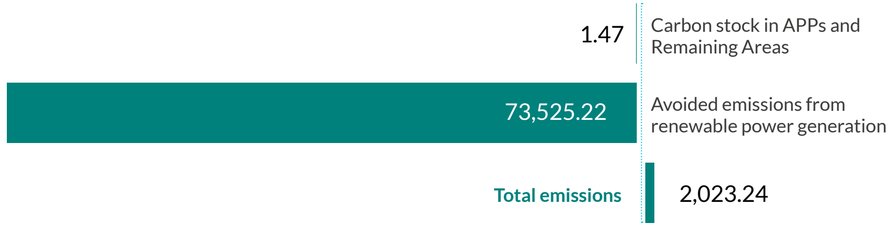
REOB – Bahia Regional Wind

CEUR – Umburanas Wind Power Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**0.28**	**1%**	**-**	**0%**	**0.28**	**-**
Stationary combustion	0.28	1%	-	0%	0.28	-
Scope 3	**45.70**	**99%**	**4.01**	**100%**	**41.69**	**1,040%**
Business travel	2.47	5%	1.59	40%	0.88	55%
Transportation and Distribution (upstream and downstream)	43.23	94%	2.41	60%	40.82	1694%
Grand Total	**45.98**	**100%**	**4.01**	**100%**	**41.97**	**1,047%**

Emissions Balance (tCO_2e)



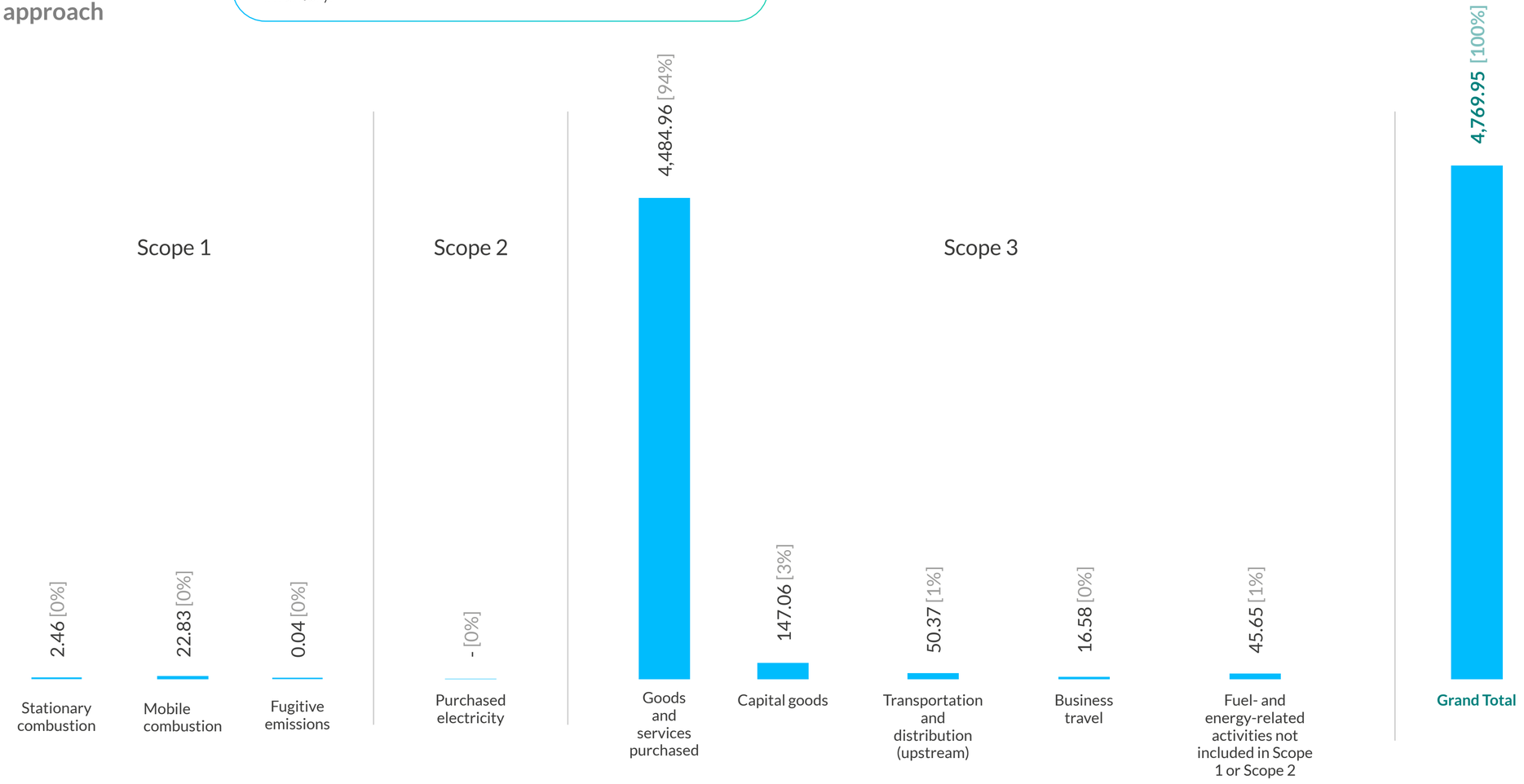
REOB – Bahia Regional Wind

CEAR – Serra do Assuruá Wind Power Plant

Emissions - 2025
(tCO_2e)

Market-based approach

First year of operations and recording thereof in the GHG inventory.



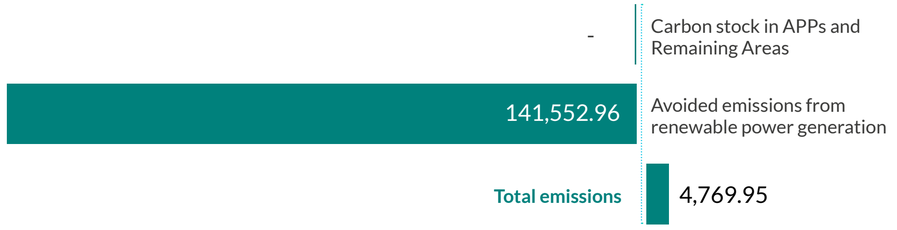
REOB – Bahia Regional Wind

CEAR – Serra do Assuruá Wind Power Plant

Biogenic emissions by Source in 2025
(tCO_2)

Biogenic Emission Source	Total Emissions	
	tCO_2e	%
Scope 1		
Stationary combustion	0.40	1%
Mobile combustion	9.71	20%
Scope 3		
Transportation and Distribution (upstream)	37.64	77%
Business travel	0.87	2%
Grand Total	**48.61**	**100%**

Emissions Balance (tCO_2e)



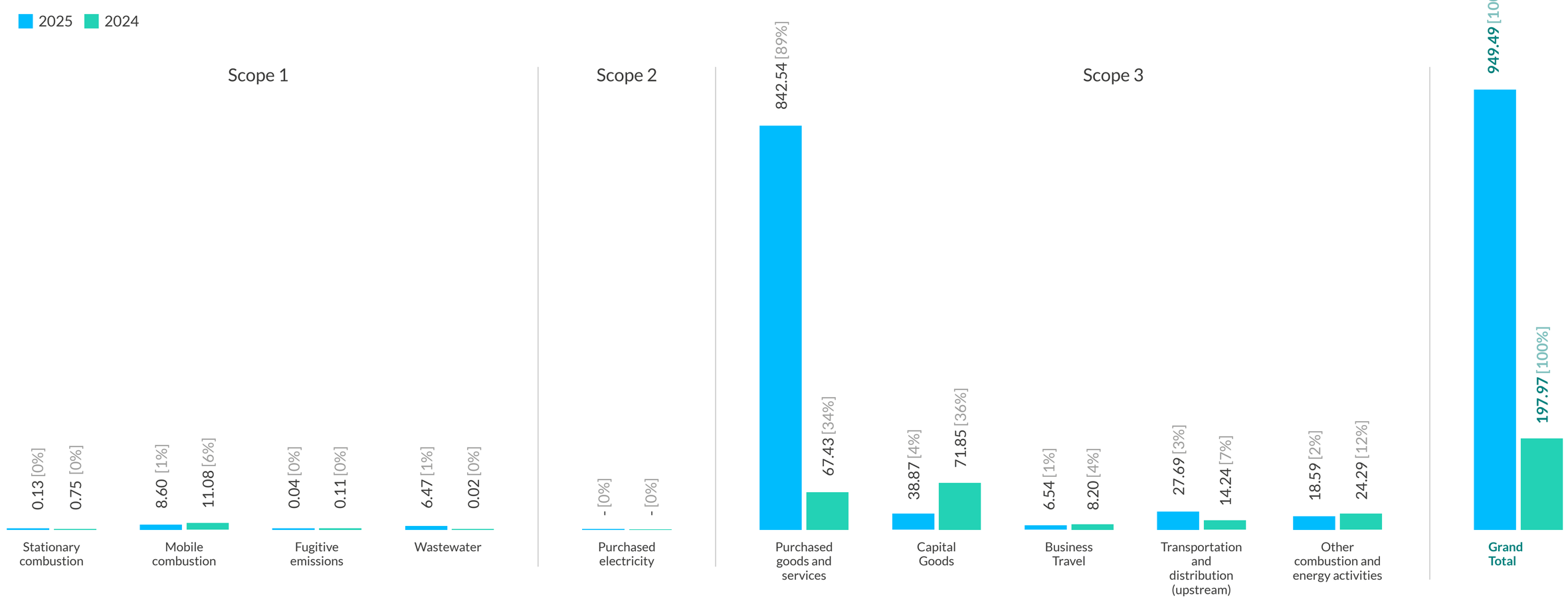
RSCR – Ceará and Rio Grande do Norte Regional Solar

FVAE – Assú V Photovoltaic Power Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

The change is associated with the purchase of new solar modules/panels for the asset and the resulting increase in the Capital Goods category.

Market-based approach



RSCR – Ceará and Rio Grande do Norte Regional Solar

FVAE – Assú V Photovoltaic Power Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

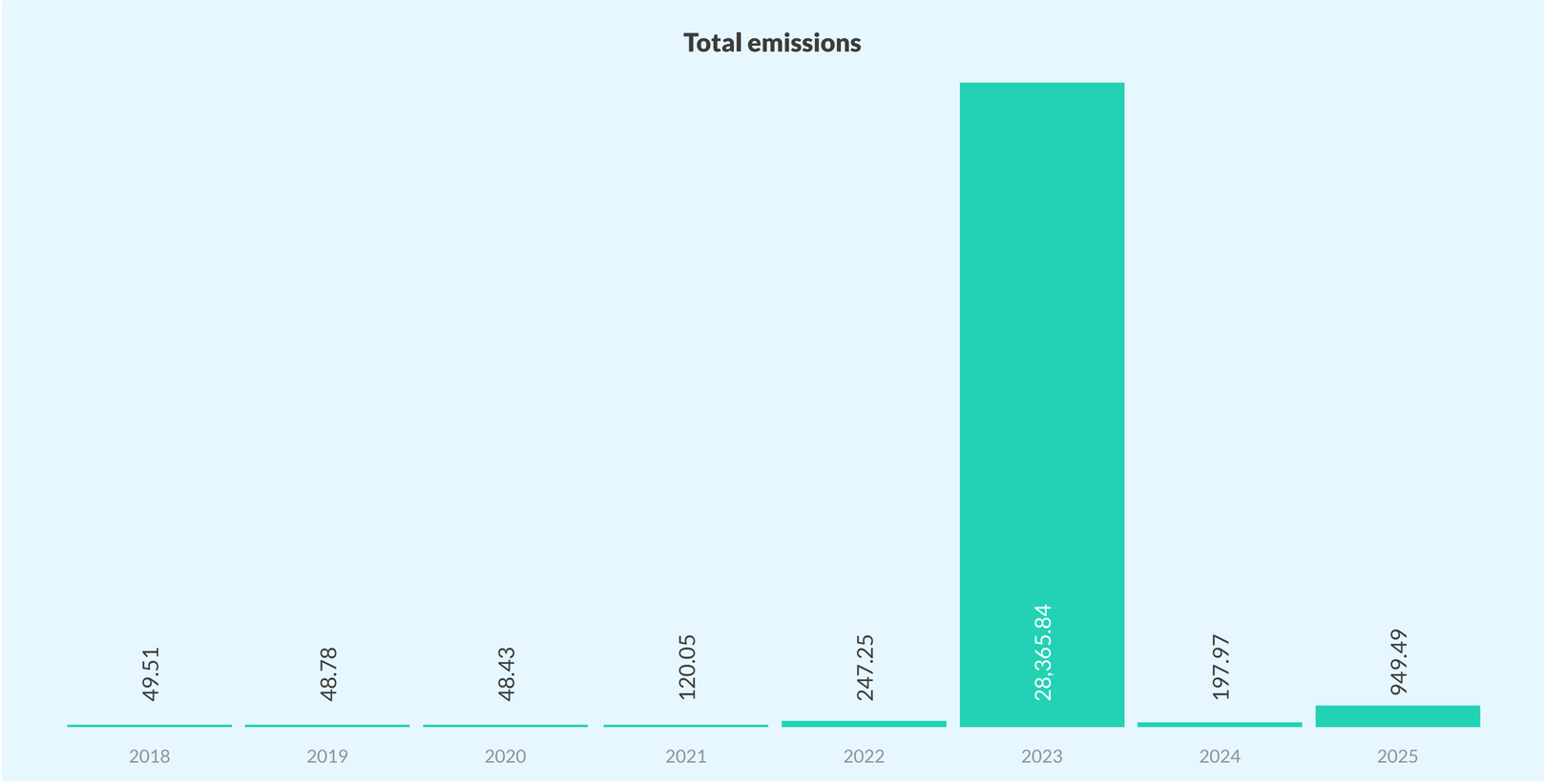
2021	35.55
2022	7.23
2023	10.5
2024	11.96
2025	15.24

Scope 2

2021	84.22
2022	28.54
2023	0
2024	0
2025	0

Scope 3

2021	0.28
2022	211.48
2023	28,355.34
2024	186.01
2025	934.24



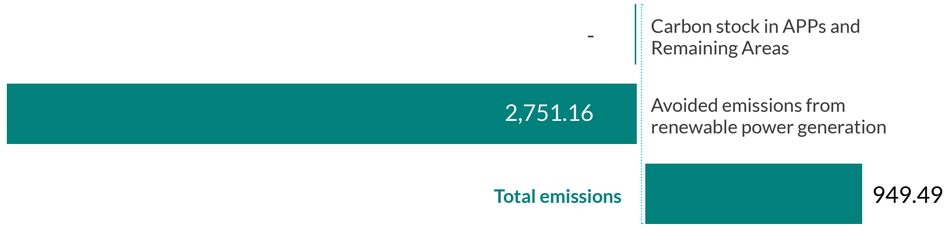
RSCR – Ceará and Rio Grande do Norte Regional Solar

FVAE – Assú V Photovoltaic Power Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**11.70**	**41%**	**22.68**	**73%**	**-10.98**	**-48%**
Stationary combustion	0.02	0%	0.11	0%	-0.09	-82%
Mobile combustion	11.68	41%	22.56	73%	-10.88	-48%
Scope 3	**16.65**	**59%**	**8.42**	**27%**	**8.23**	**98%**
Business travel	9.47	33%	4.75	15%	4.72	99%
Transportation and Distribution (upstream)	7.18	25%	3.67	12%	3.51	96%
Grand Total	**28.35**	**100%**	**31.09**	**100%**	**-2.74**	**-9%**

Emissions Balance (tCO_2e)



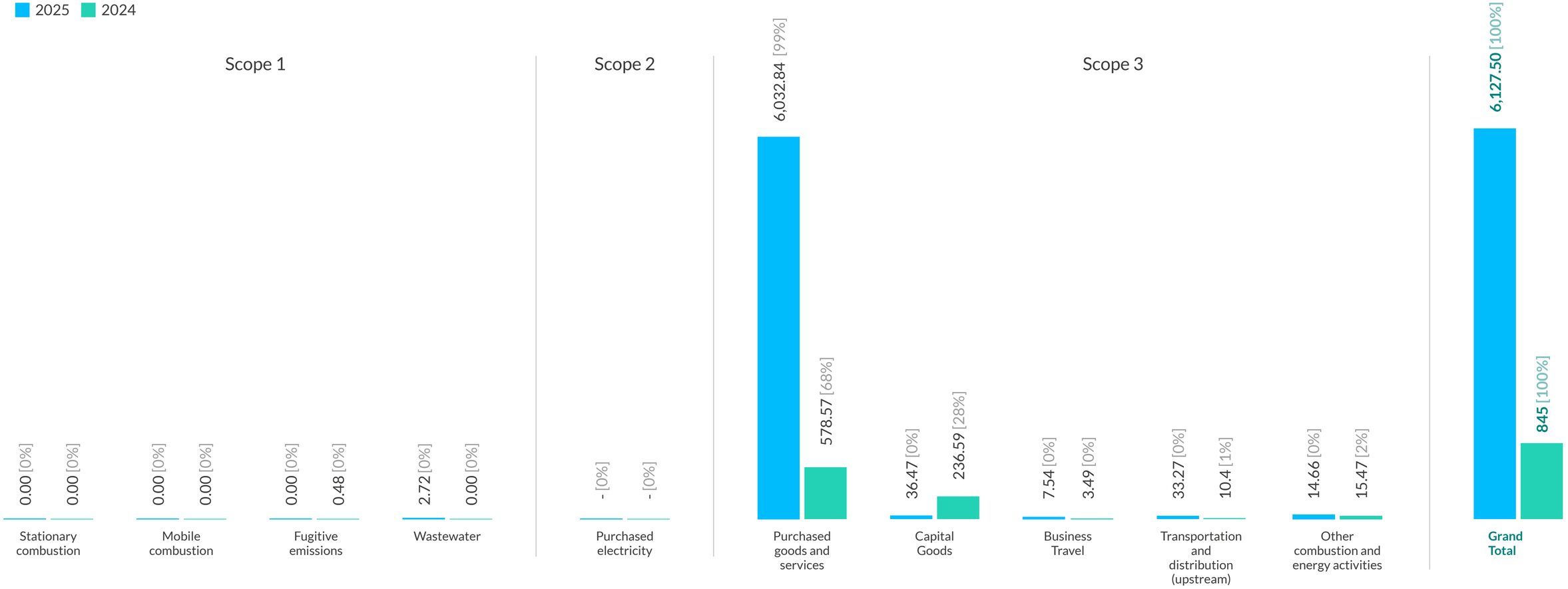
RSCR – Ceará and Rio Grande do Norte Regional Solar

CFFL – Floresta Photovoltaic Power Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

The variation results from the asset's expansion and the consequent increase in the activities reported.

Market-based approach



RSCR – Ceará and Rio Grande do Norte Regional Solar

CFFL – Floresta Photovoltaic Power Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

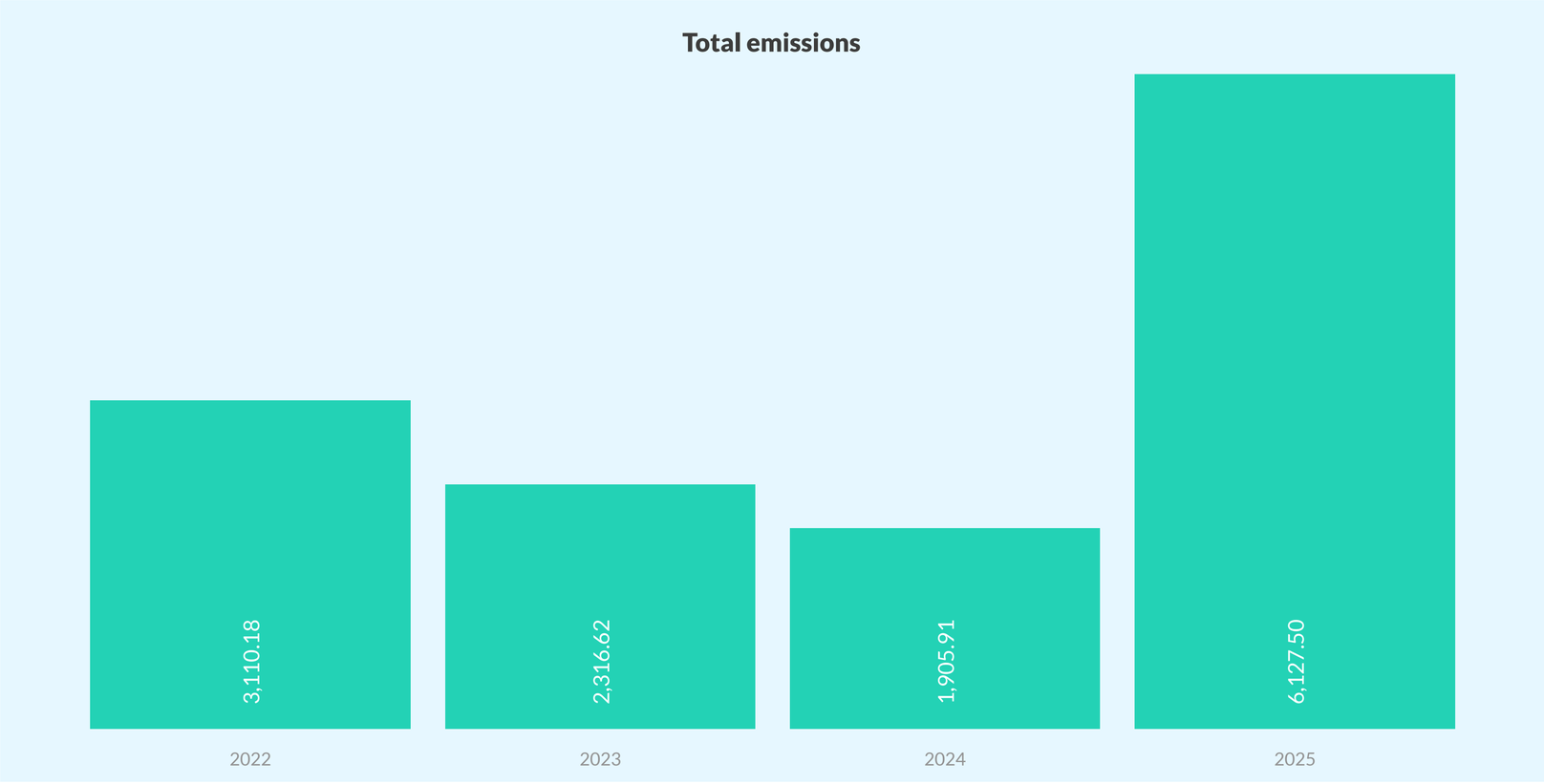
2022	30.43
2023	91.93
2024	105.86
2025	2.72

Scope 2

2022	20.99
2023	0
2024	0
2025	0

Scope 3

2022	3,058.76
2023	2,224.69
2024	1,800.05
2025	6,124.79



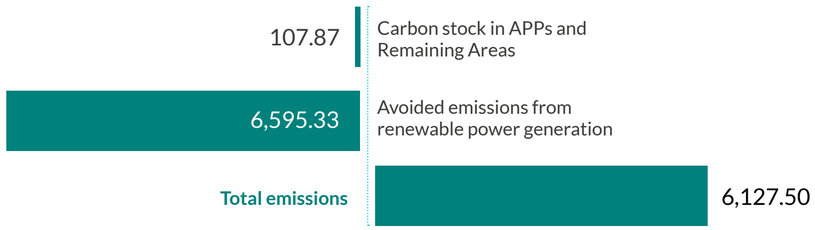
RSCR – Ceará and Rio Grande do Norte Regional Solar

CFFL – Floresta Photovoltaic Power Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**0.00**	1,590.75	**-**	**0%**	**0.00**	
Stationary combustion	0.00		-	0%	0.00	
Mobile combustion	0.00		-	0%	0.00	
Scope 3	**12.77**	**100%**	**4.11**	**100%**	**8.66**	**211%**
Business travel	3.18	25%	1.57	38%	1.61	103%
Transportation and Distribution (upstream)	9.59	75%	2.54	62%	7.05	278%
Grand Total	**12.77**	**100%**	**4.11**	**100%**	**8.66**	**211%**

Emissions Balance (tCO_2e)



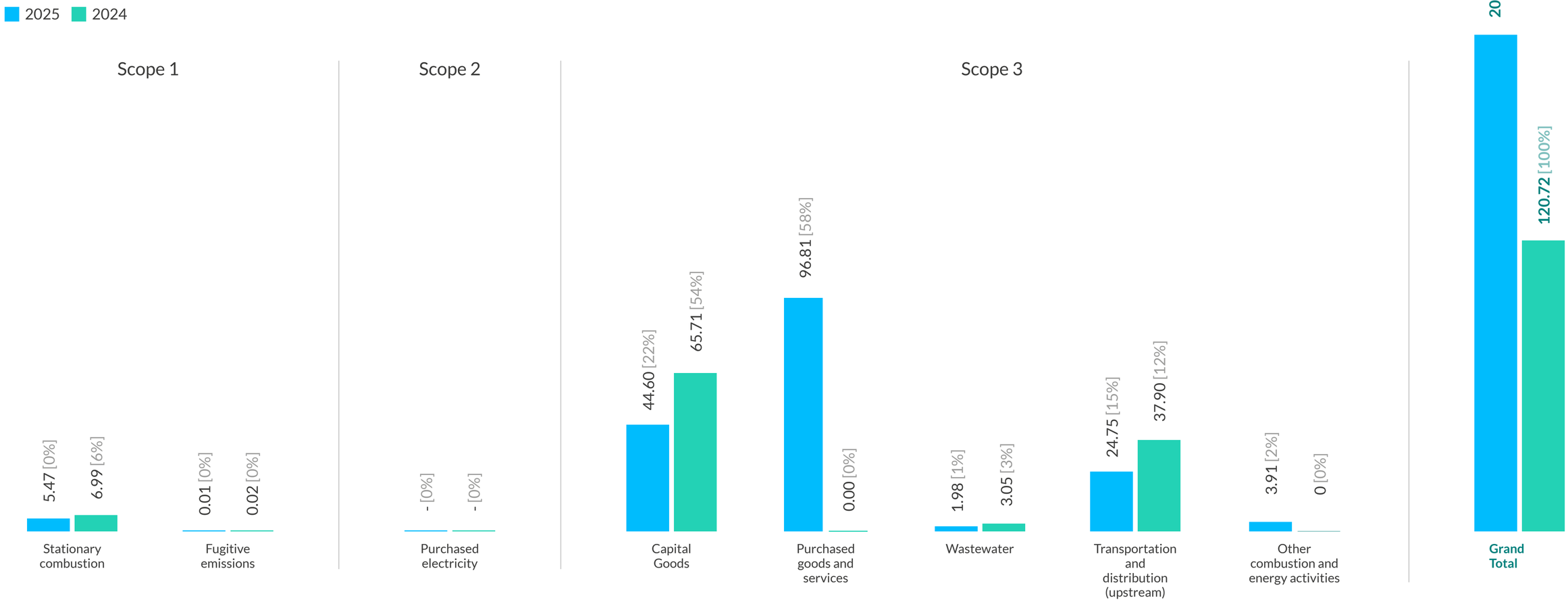
RSCR – Ceará and Rio Grande do Norte Regional Solar

CFSF – Sol do Futuro Photovoltaic Power Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

Due to the acquisition date, in 2024 the GHG emissions accounting period was partial. In 2025, the asset began to be counted for the whole year.

Market-based approach



RSCR – Ceará and Rio Grande do Norte Regional Solar

CFSF – Sol do Futuro Photovoltaic Power Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

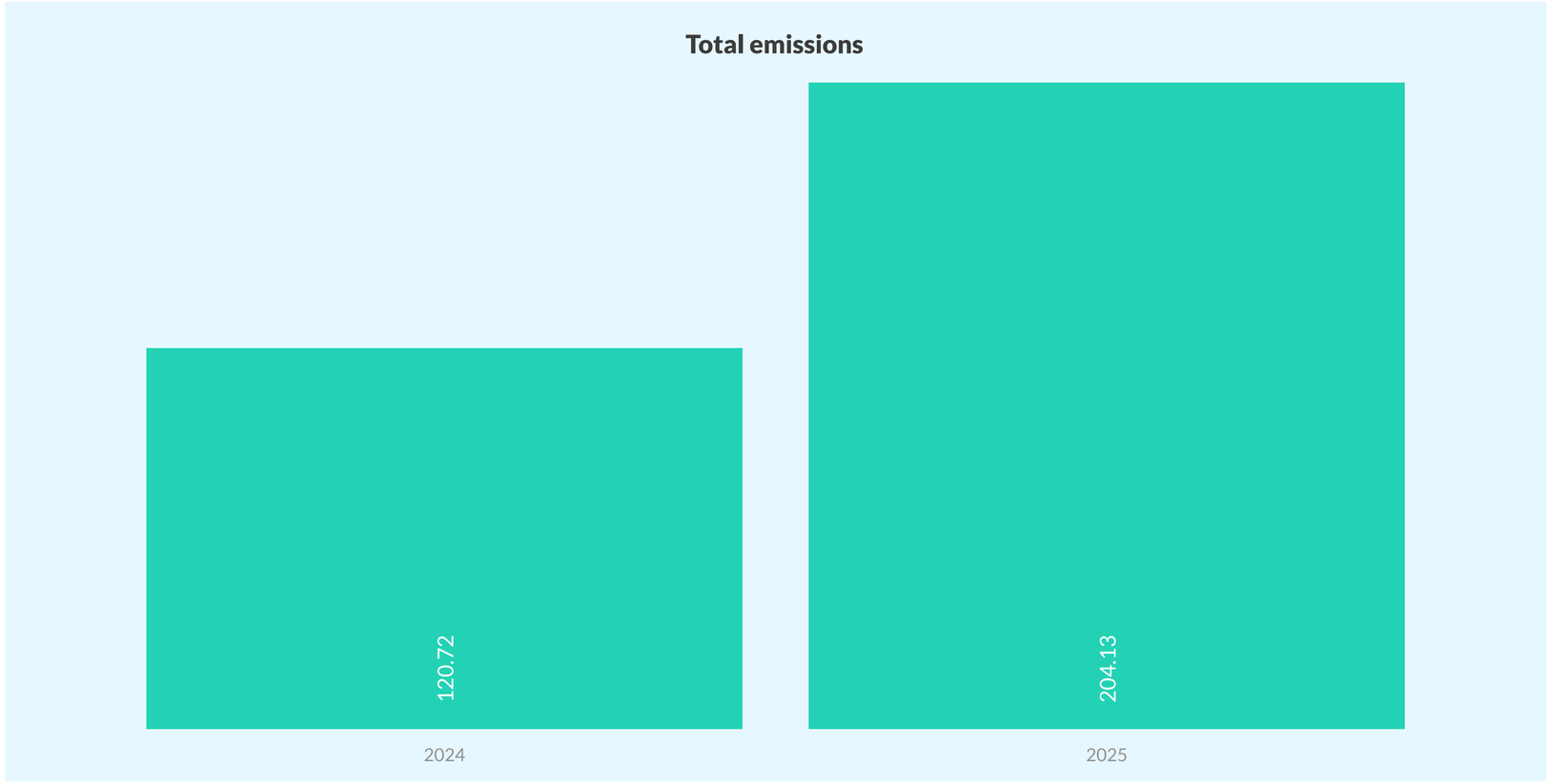
2024	7.01
2025	5.49

Scope 2

2024	0
2025	0

Scope 3

2024	113.71
2025	198.64



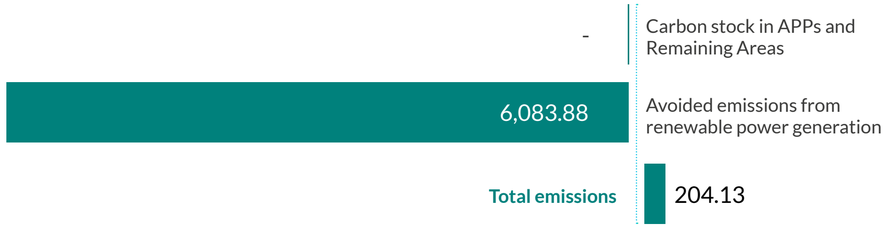
RSCR – Ceará and Rio Grande do Norte Regional Solar

CFSF – Sol do Futuro Photovoltaic Power Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**1.46**	**4%**	**1.76**	**14%**	**-0.3**	**-17%**
Stationary combustion	1.46	4%	1.76	14%	-0.3	-17%
Scope 3	**32**	**96%**	**10.86**	**86%**	**21.86**	**201%**
Transportation and Distribution (upstream)	32.72	96%	10.86	86%	21.86	201%
Grand Total	**34.18**	**100%**	**12.62**	**100%**	**21.56**	**171%**

Emissions Balance (tCO_2e)



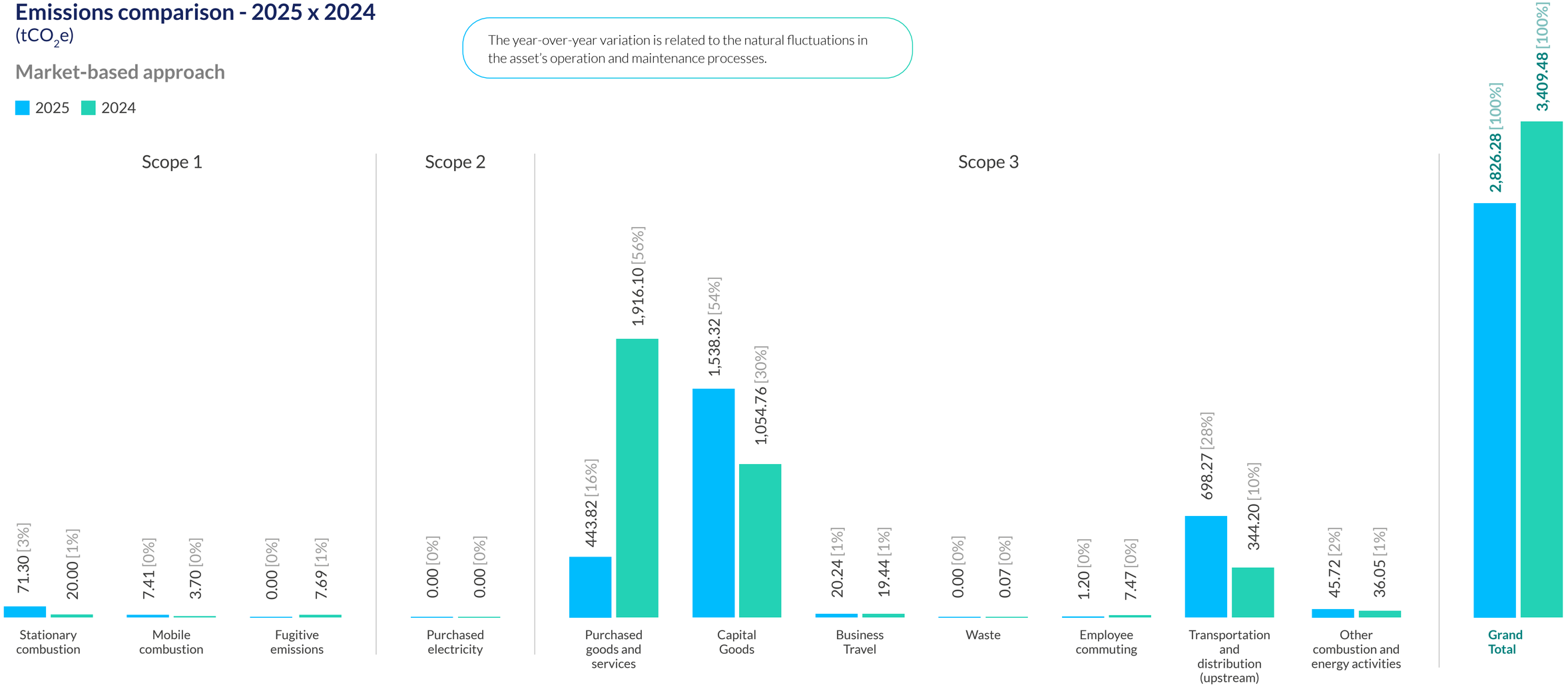
RSBM – Bahia and Minas Regional Solar

CFPA – Paracatu Photovoltaic Power Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.

Market-based approach



RSBM – Bahia and Minas Regional Solar

CFPA – Paracatu Photovoltaic Power Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

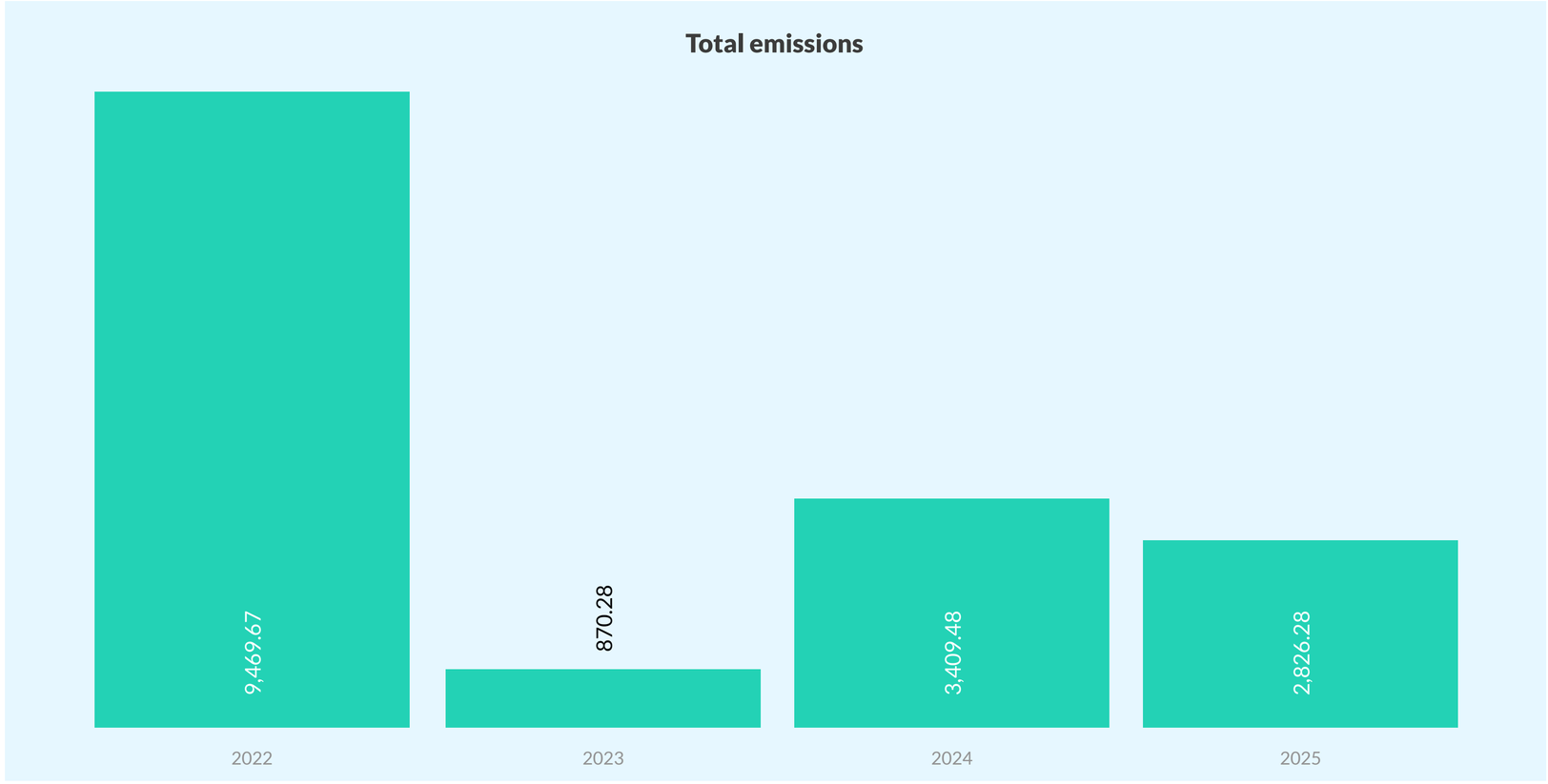
2022	0.22
2023	12.57
2024	31.39
2025	78.71

Scope 2

2022	66.74
2023	0
2024	0
2025	0

Scope 3

2022	9,402.71
2023	857.71
2024	3,378.09
2025	2,747.57



RSBM – Bahia and Minas Regional Solar

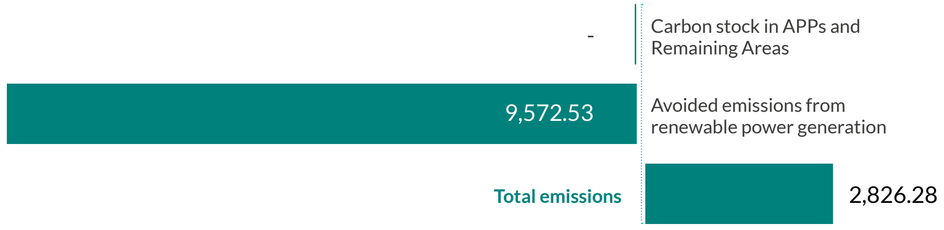
CFPA – Paracatu Photovoltaic Power Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**14.80**	**8%**	**22.78**	**18%**	**-7.98**	**-35%**
Stationary combustion	12.60	7%	3.25	3%	9.35	288%
Mobile combustion	2.20	1%	19.53	15%	-17.33	-89%
Scope 3	**161.13**	**92%**	**106.60**	**82%**	**54.53**	**51%**
Business travel	1.79	1%	4.27	3%	-2.48	-58%
Purchased goods and services	0.00	0%	3.91	3%	-3.91	-100%
Employee commuting	0.17	0%	1.08	1%	-0.91	-84%
Transportation and Distribution (*upstream*)	159.16	90%	97.34	75%	61.82	64%
Grand Total	**175.93**	**100%**	**129.39**	**100%**	**46.54**	**36%**

Emissions Balance (tCO_2e)



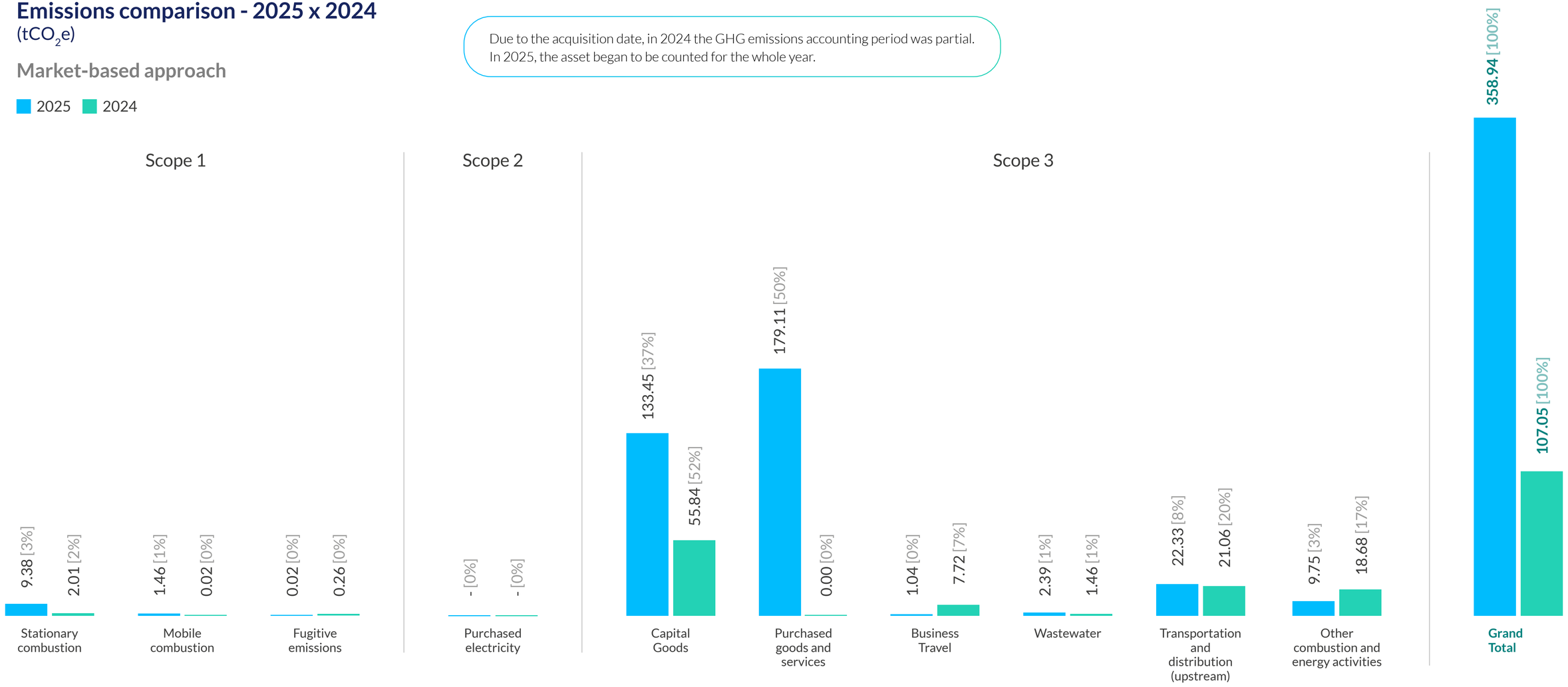
RSBM – Bahia and Minas Regional Solar

CFSP – São Pedro Photovoltaic Power Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

Market-based approach

Due to the acquisition date, in 2024 the GHG emissions accounting period was partial. In 2025, the asset began to be counted for the whole year.



RSBM – Bahia and Minas Regional Solar

CFSP – São Pedro Photovoltaic Power Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

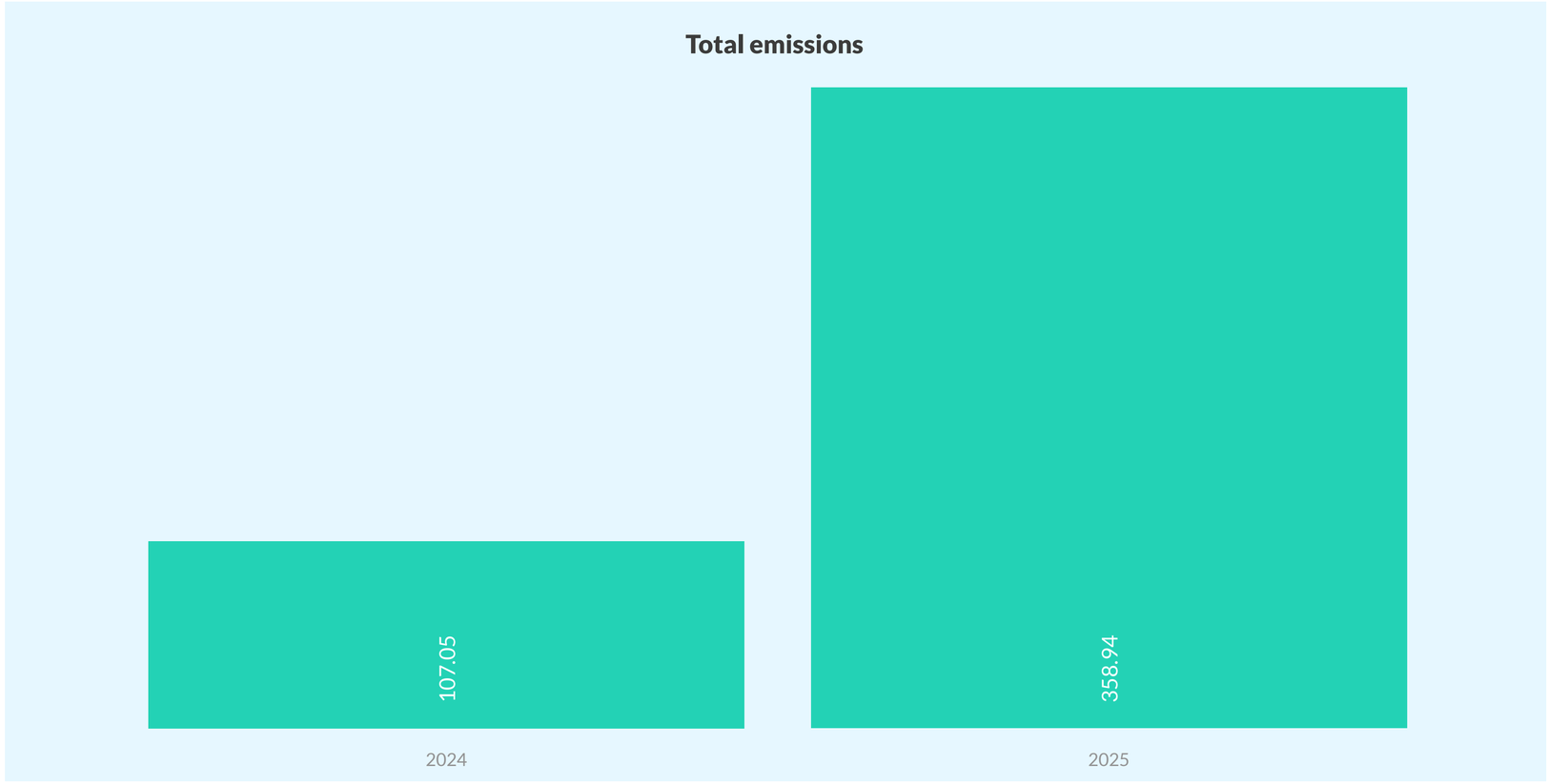
2024	2.29
2025	10.87

Scope 2

2024	0
2025	0

Scope 3

2024	104.76
2025	348.06



RSBM – Bahia and Minas Regional Solar

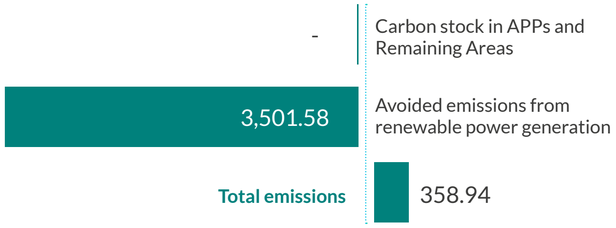
CFSP – São Pedro Photovoltaic Power Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**5.25**	**45%**	**1.97**	**29%**	**3.28**	**166%**
Stationary combustion	1.43	12%	0.32	5%	1.11	347%
Mobile combustion	3.82	33%	1.64	24%	2.18	133%
Scope 3	**6.47**	**55%**	**4.80**	**71%**	**1.67**	**35%**
Transportation and Distribution (*upstream*)	6.47	55%	4.80	71%	1.67	35%
Grand Total	**11.72**	**100%**	**6.76**	**100%**	**4.96**	**73%**

Emissions Balance (tCO_2e)



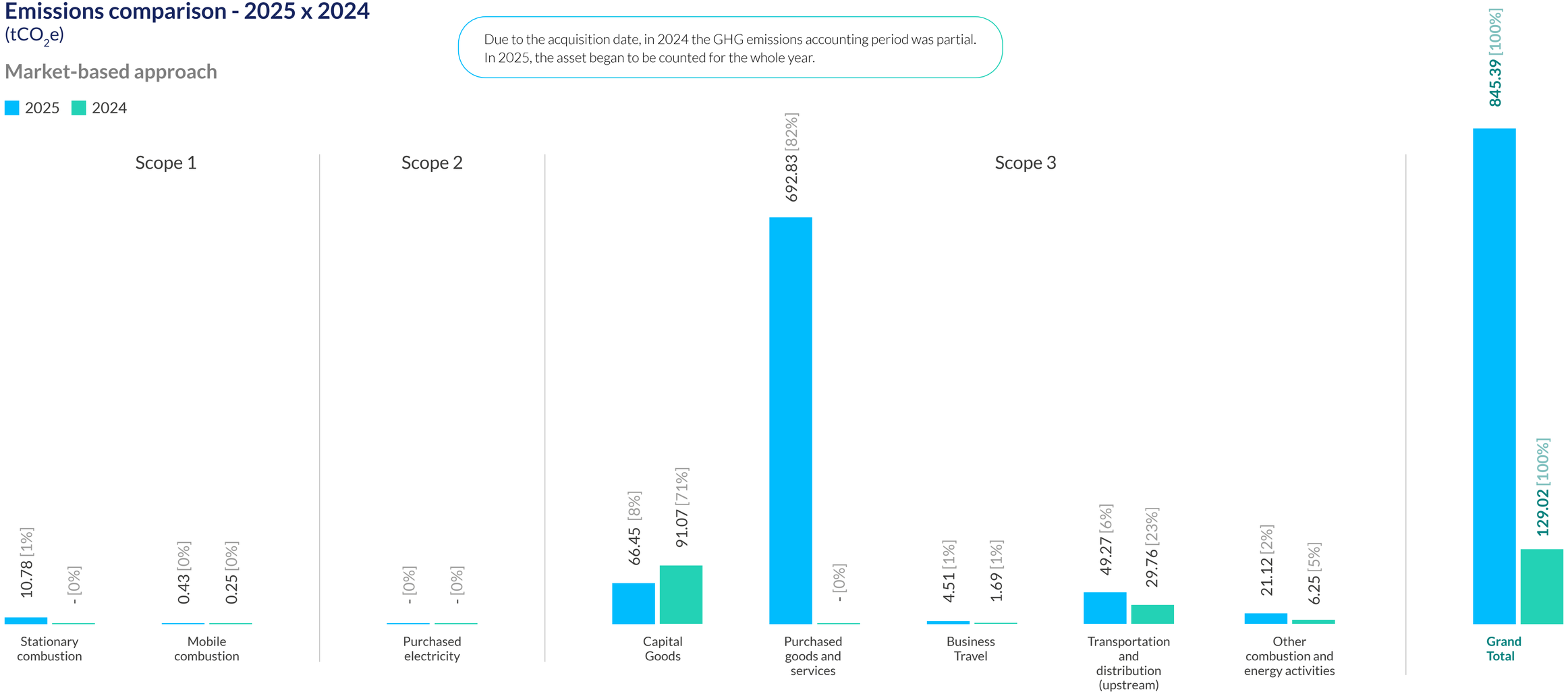
RSBM – Bahia and Minas Regional Solar

CFLS – Lar do Sol Photovoltaic Power Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

Due to the acquisition date, in 2024 the GHG emissions accounting period was partial. In 2025, the asset began to be counted for the whole year.

Market-based approach



RSBM – Bahia and Minas Regional Solar

CFLS – Lar do Sol Photovoltaic Power Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

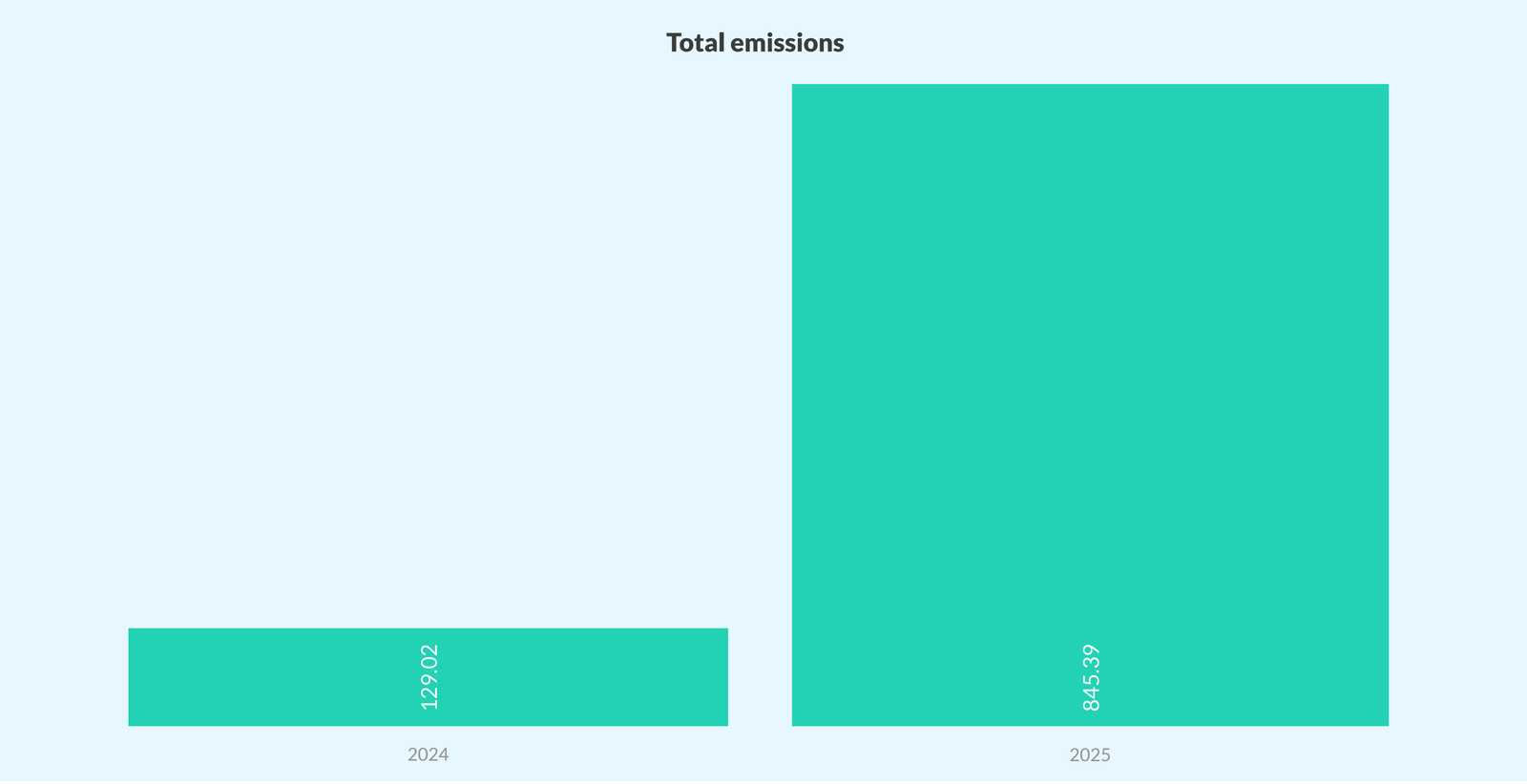
2024	0.25
2025	11.22

Scope 2

2024	0
2025	0

Scope 3

2024	128.77
2025	834.18



RSBM – Bahia and Minas Regional Solar

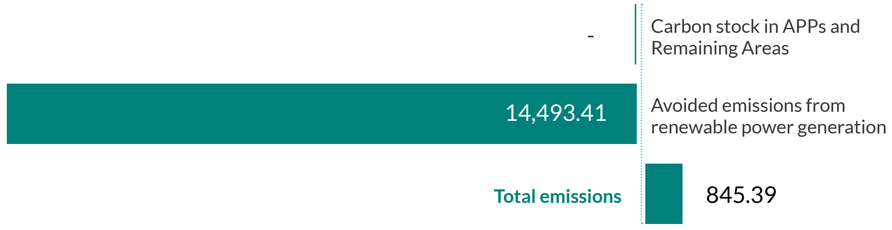
CFLS – Lar do Sol Photovoltaic Power Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**8.37**	**15%**	**1.87**	**6%**	**6.5**	**348%**
Stationary combustion	2.77	5%	-	0%	2.77	-
Mobile combustion	5.60	10%	1.87	6%	3.73	199%
Scope 3	**47.74**	**85%**	**29.32**	**94%**	**18.42**	**63%**
Transportation and Distribution (*upstream*)	47.74	85%	29.32	94%	18.42	63%
Grand Total	**56.11**	**100%**	**31.19**	**100%**	**24.92**	**80%**

Emissions Balance (tCO_2e)



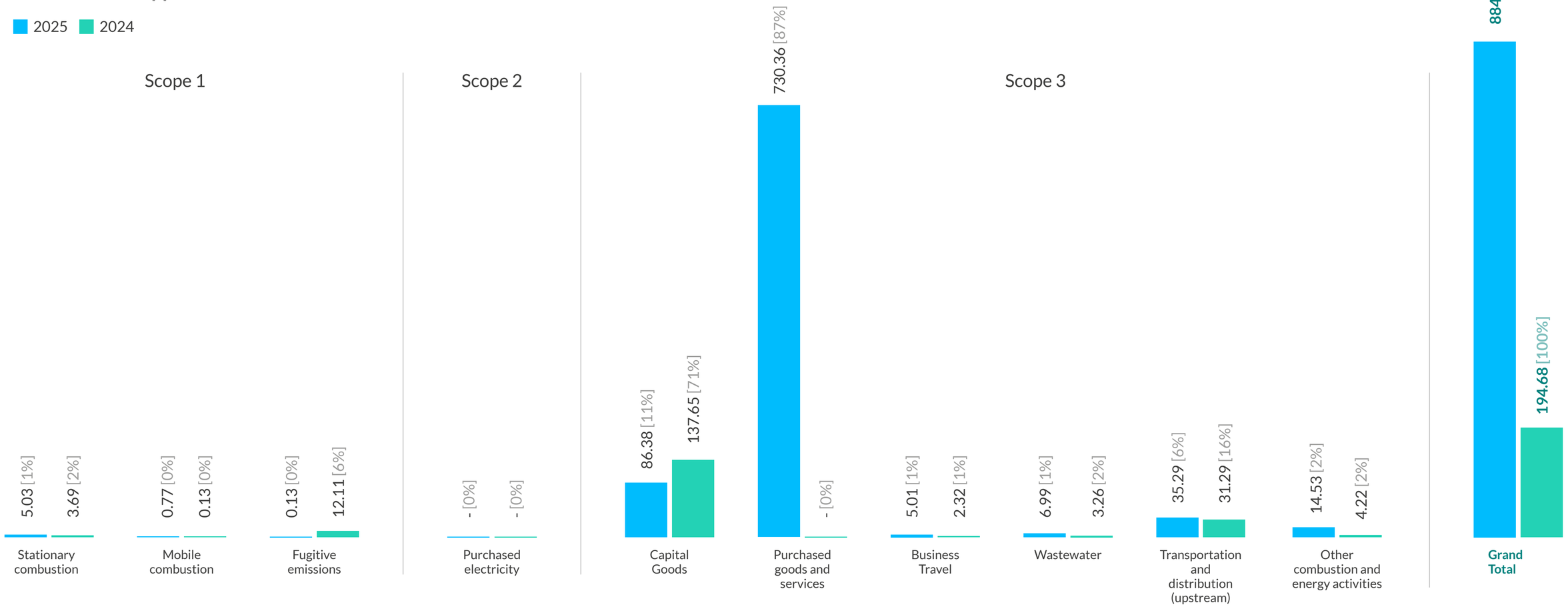
RSBM – Bahia and Minas Regional Solar

CFSB – Sertão Solar Barreiras Photovoltaic Power Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

Market-based approach

Due to the acquisition date, in 2024 the GHG emissions accounting period was partial. In 2025, the asset began to be counted for the whole year.



RSBM – Bahia and Minas Regional Solar

CFSB – Sertão Solar Barreiras Photovoltaic Power Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

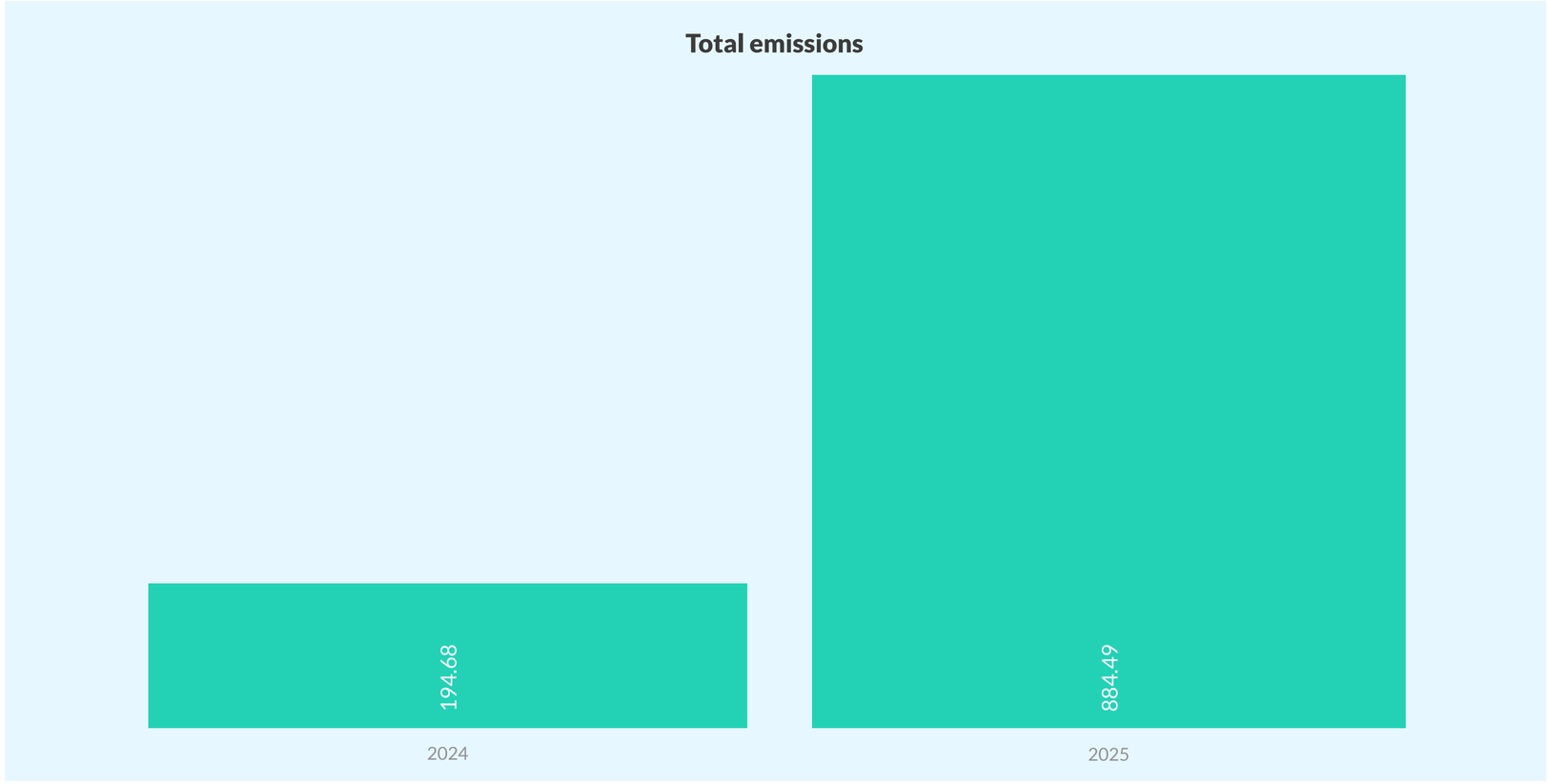
2024	15.93
2025	13.63

Scope 2

2024	0
2025	0

Scope 3

2024	178.75
2025	878.55



RSBM – Bahia and Minas Regional Solar

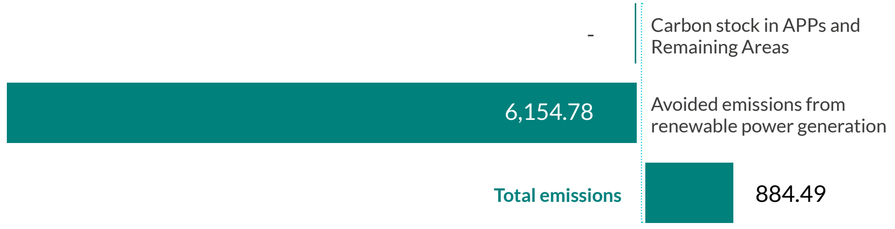
CFSB – Sertão Solar Barreiras Photovoltaic Power Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**13.84**	**59%**	**2.37**	**23%**	**11.47**	**484%**
Stationary combustion	1.09	5%	0.94	9%	0.15	16%
Mobile combustion	12.75	55%	1.43	14%	11.32	792%
Scope 3	**9.52**	**41%**	**8.00**	**77%**	**1.52**	**19%**
Transportation and Distribution (*upstream*)	8.06	34%	8.00	77%	0.06	1%
Business travel	1.46	6%	-	0%	1.46	-
Grand Total	**23.37**	**100%**	**10.36**	**100%**	**13.01**	**126%**

Emissions Balance (tCO_2e)



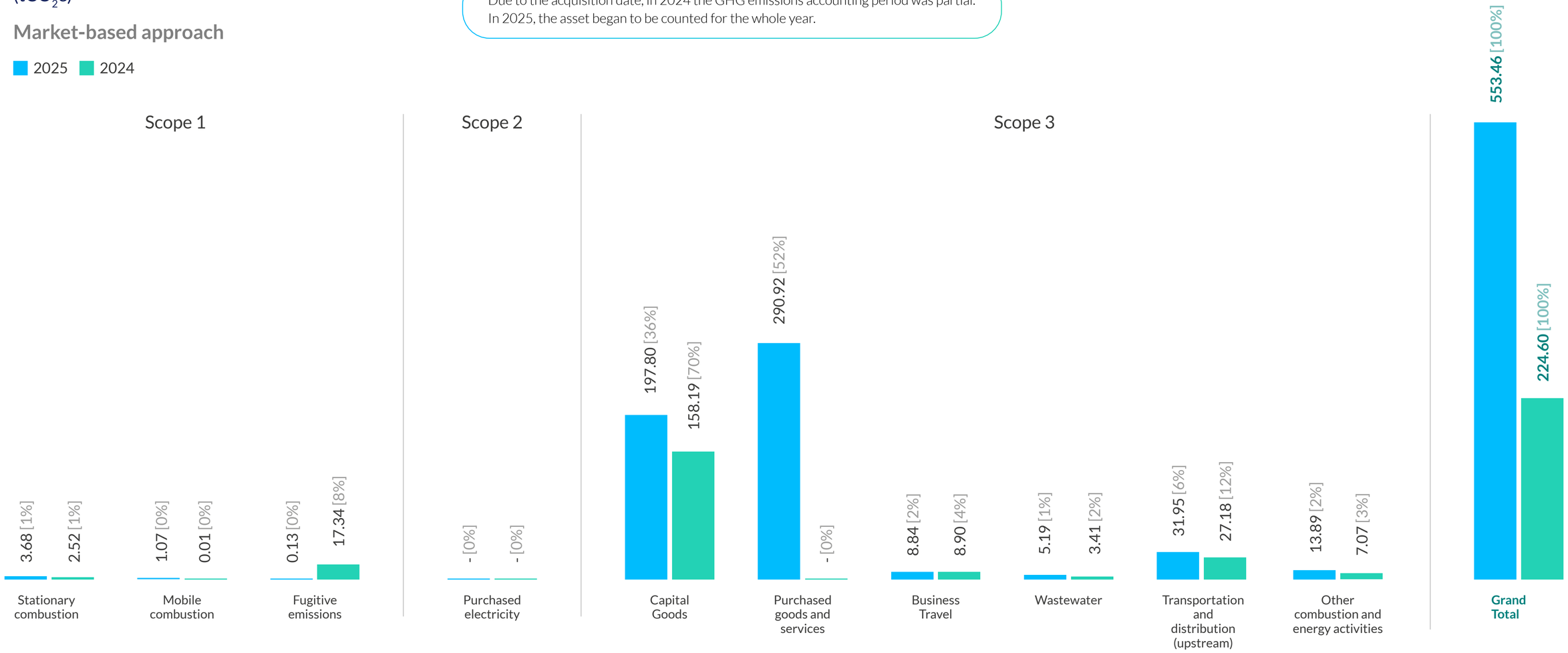
RSBM – Bahia and Minas Regional Solar

CFJS – Juazeiro Photovoltaic Power Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

Market-based approach

Due to the acquisition date, in 2024 the GHG emissions accounting period was partial. In 2025, the asset began to be counted for the whole year.



RSBM – Bahia and Minas Regional Solar

CFJS – Juazeiro Photovoltaic Power Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

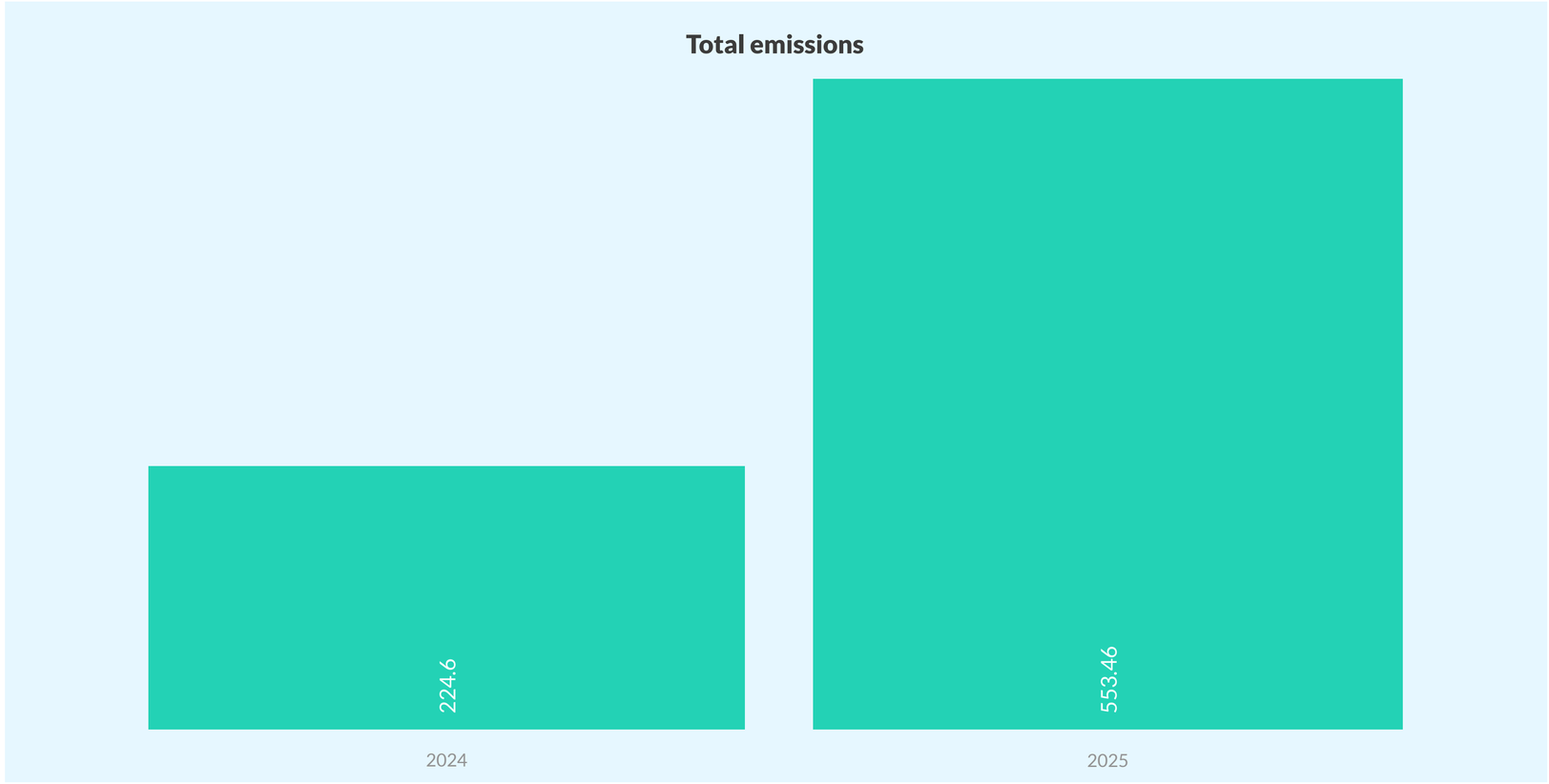
2024	19.86
2025	4.87

Scope 2

2024	0
2025	0

Scope 3

2024	204.74
2025	548.59



RSBM – Bahia and Minas Regional Solar

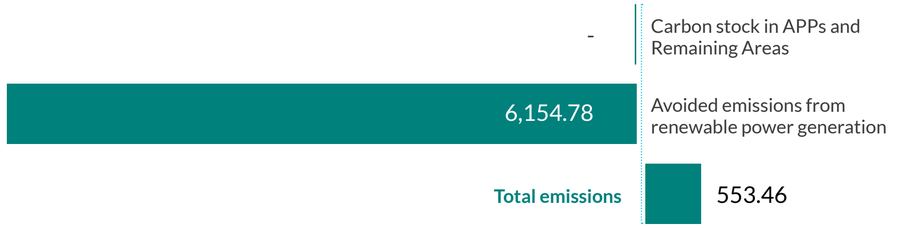
CFJS – Juazeiro Photovoltaic Power Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**7.26**	**21%**	**0.96**	**11%**	**6.3**	**656%**
Stationary combustion	0.77	2%	0.41	5%	0.36	88%
Mobile combustion	6.49	19%	0.55	6%	5.94	1,080%
Scope 3	**22.66**	**67%**	**7.95**	**89%**	**14.71**	**185%**
Transportation and Distribution (*upstream*)	22.66	67%	7.95	89%	14.71	185%
Grand Total	**33.92**	**100%**	**8.91**	**100%**	**25.01**	**281%**

Emissions Balance (tCO_2e)



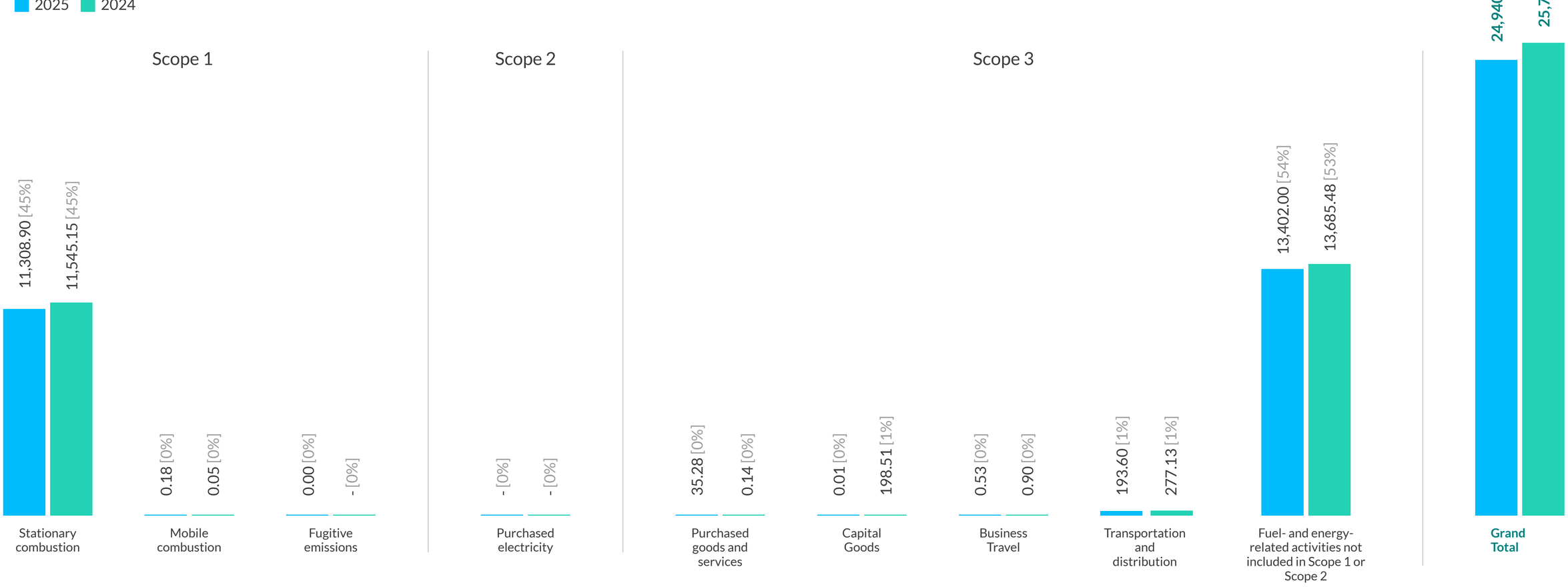
RSBM – Bahia and Minas Regional Solar

UTFE – Ferrari Thermoelectric Power Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.

Market-based approach



RSBM – Bahia and Minas Regional Solar

UTFE – Ferrari Thermoelectric Power Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

2021	13,516.23
2022	12,159.01
2023	12,587.02
2024	11,545.2
2025	11,309.08

Scope 2

2021	96.38
2022	67.34
2023	0
2024	0
2025	0

Scope 3

2021	667.57
2022	990.22
2023	843.91
2024	14,162.16
2025	13,631.42



RSBM – Bahia and Minas Regional Solar

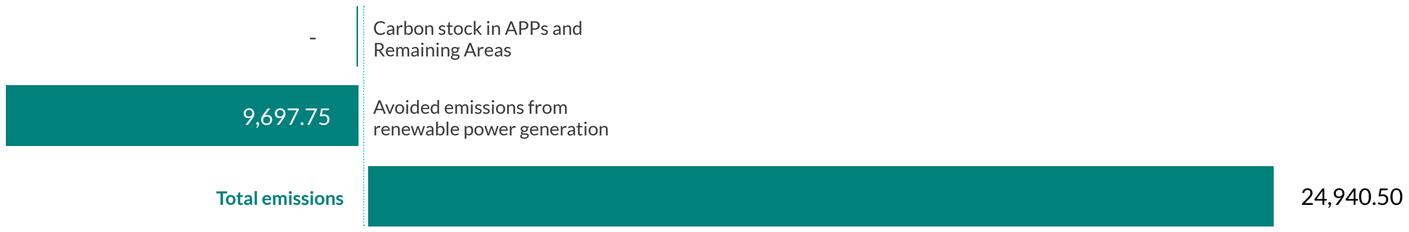
UTFE – Ferrari Thermoelectric Power Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**596,105.24**	**100%**	**608,671.18**	**100%**	**-12,565.94**	**-2%**
Stationary combustion	596101.25	100%	608,666.11	100%	-12,564.86	-2%
Mobile combustion	3.99	0%	5.07	0%	-1.08	-21%
Scope 3	**30.17**	**0%**	**41.87**	**0%**	**-11.70**	**-28%**
Business Travel	29.17	0%	0.42	0%	28.75	6,845%
Transportation and Distribution	1.00	0%	41.45	0%	-40.45	-98%
Grand Total	**596,135.42**	**100%**	**608,713.05**	**100%**	**-12,577.63**	**-2%**

Emissions Balance (tCO_2e)



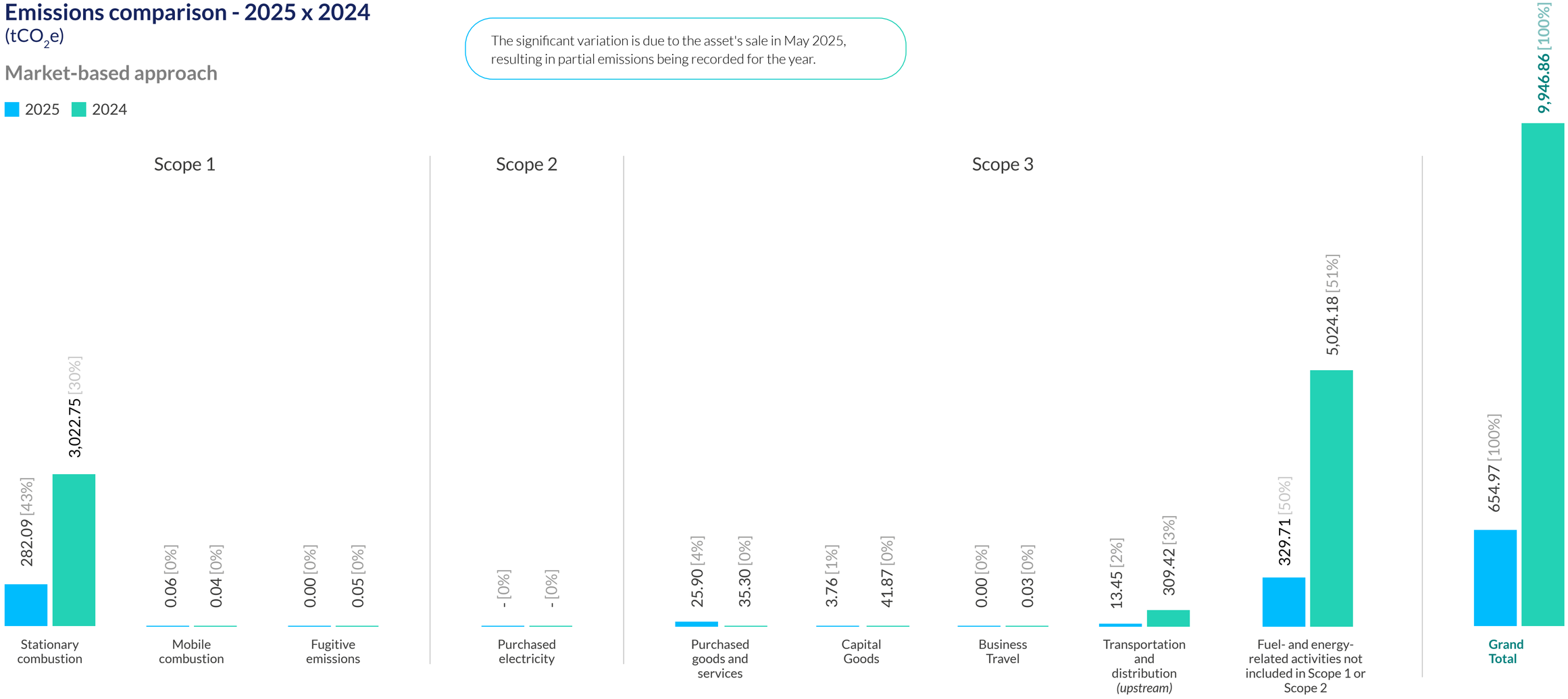
RSBM – Bahia and Minas Regional Solar

UTIB – Ibitiúva Bioenergética Thermoelectric Power Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

The significant variation is due to the asset's sale in May 2025, resulting in partial emissions being recorded for the year.

Market-based approach



RSBM – Bahia and Minas Regional Solar

UTIB – Ibitiúva Bioenergética Thermoelectric Power Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

2021	2,975
2022	4,291
2023	3,687
2024	3,023
2025	282.15

Scope 2

2021	91
2022	26
2023	0
2024	0
2025	0

Scope 3

2021	191
2022	3,979
2023	773
2024	5,582.38
2025	372.81



RSBM – Bahia and Minas Regional Solar

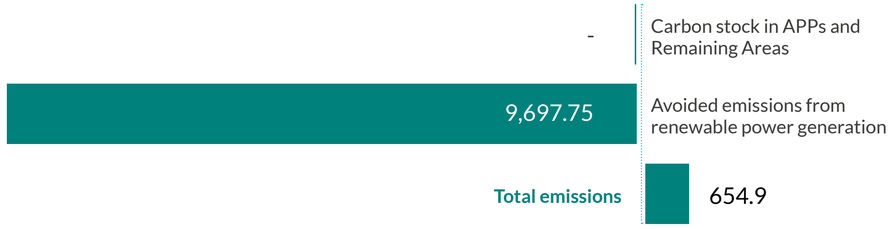
UTIB – Ibitiúva Bioenergética Thermoelectric Power Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**14,855.09**	**100%**	**159,056.77**	**100%**	**-144,201.68**	**-91%**
Stationary combustion	14,853.07	100%	159,053.11	100%	-144,200.04	-91%
Mobile combustion	2.02	0%	3.66	0%	-1.64	-45%
Scope 3	**1.92**	**0%**	**46.05**	**0%**	**-44.13**	**-96%**
Transportation and distribution (upstream)	1.92	0%	46.04	0%	-44.12	-96%
Business Travel	0.00	0%	0.01	0%	-0.01	-100%
Grand Total	**14,857.01**	**100%**	**159,102.82**	**100%**	**-144,245.81**	**-91%**

Emissions Balance (tCO_2e)



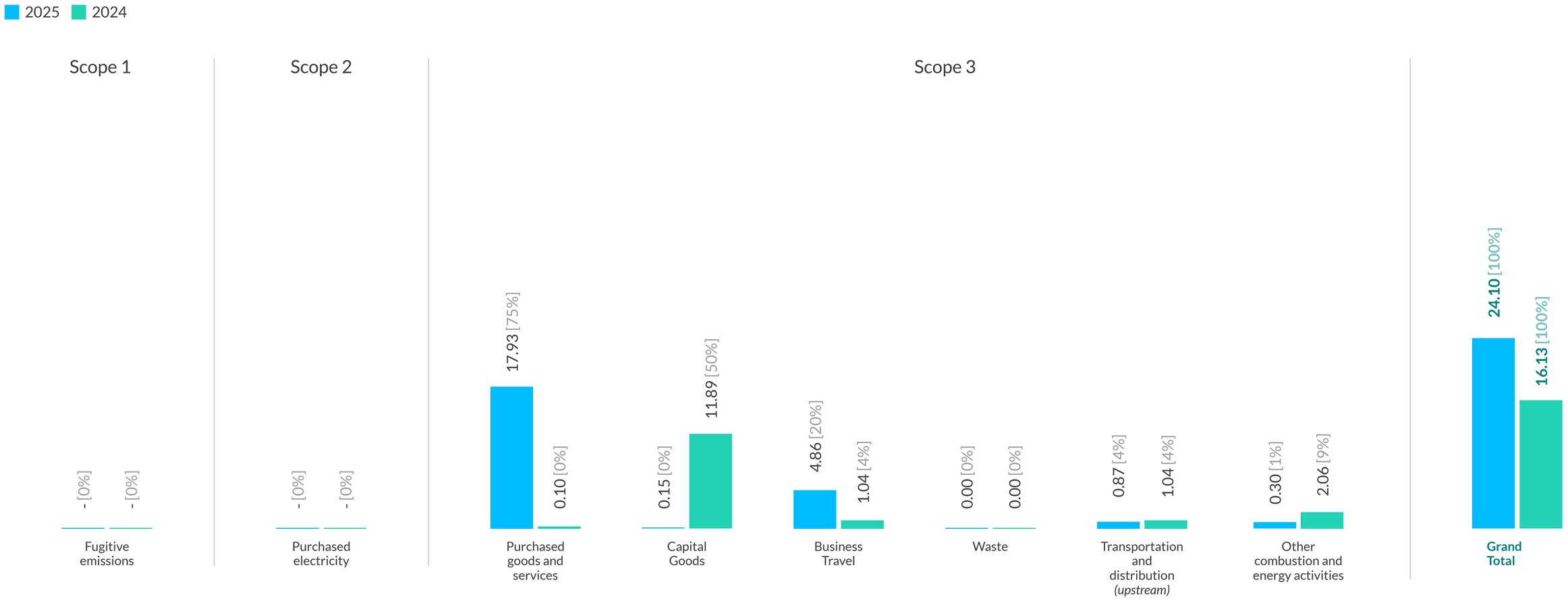
RSBM – Bahia and Minas Regional Solar

UFCA – Cidade Azul Photovoltaic Power Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.

Market-based approach



RSBM – Bahia and Minas Regional Solar

UFCA – Cidade Azul Photovoltaic Power Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

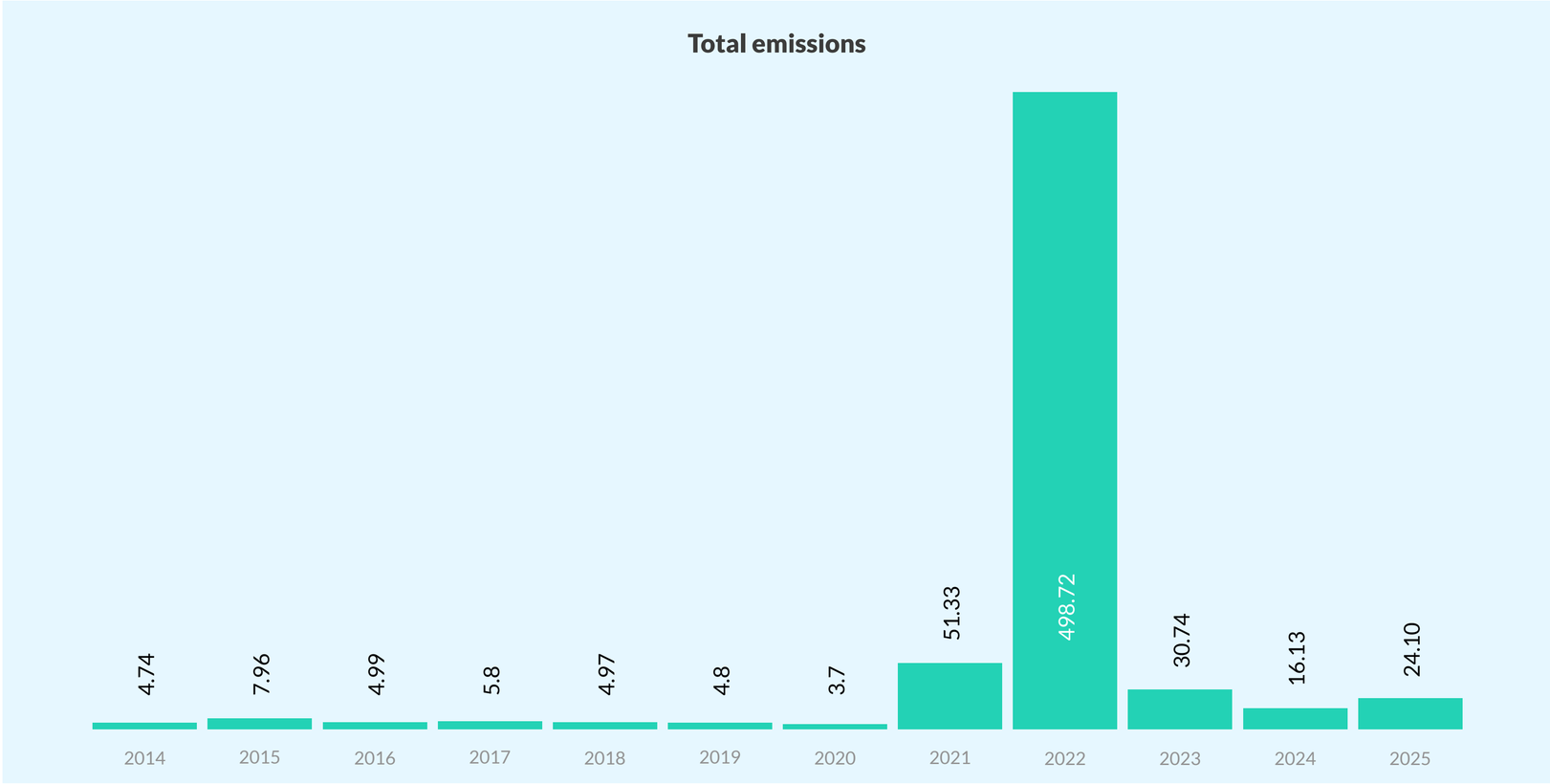
2021	0.05
2022	0
2023	0.06
2024	0
2025	0

Scope 2

2021	51.28
2022	11.74
2023	0
2024	0
2025	0

Scope 3

2021	0
2022	486.98
2023	30.68
2024	16.13
2025	24.10



RSBM – Bahia and Minas Regional Solar

UFCA – Cidade Azul Photovoltaic Power Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1			**-**	**0%**		
Scope 3	**0.35**	**100%**	**4.07**	**100%**	**19.87**	**488%**
Transportation and Distribution (upstream)	0.21	4%	3.81	94%	-3.60	-94%
Business Travel	0.14	20%	0.26	6%	-0.12	46%
Grand Total	**0.35**	**100%**	**4.07**	**100%**	**3.72**	**92%**

RSBM – Bahia and Minas Regional Solar

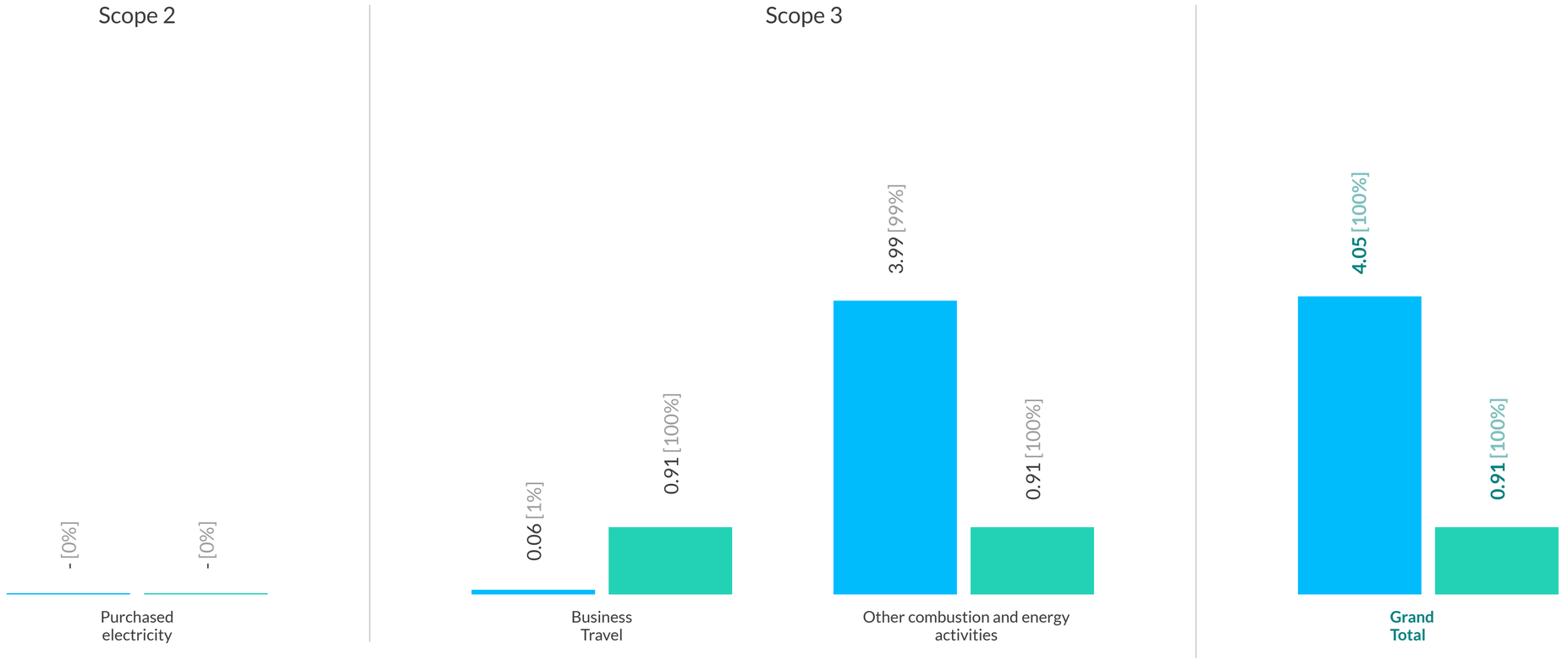
UETB – Tubarão Wind Power Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.

Market-based approach

2025 2024



RSBM – Bahia and Minas Regional Solar

UETB – Tubarão Wind Power Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

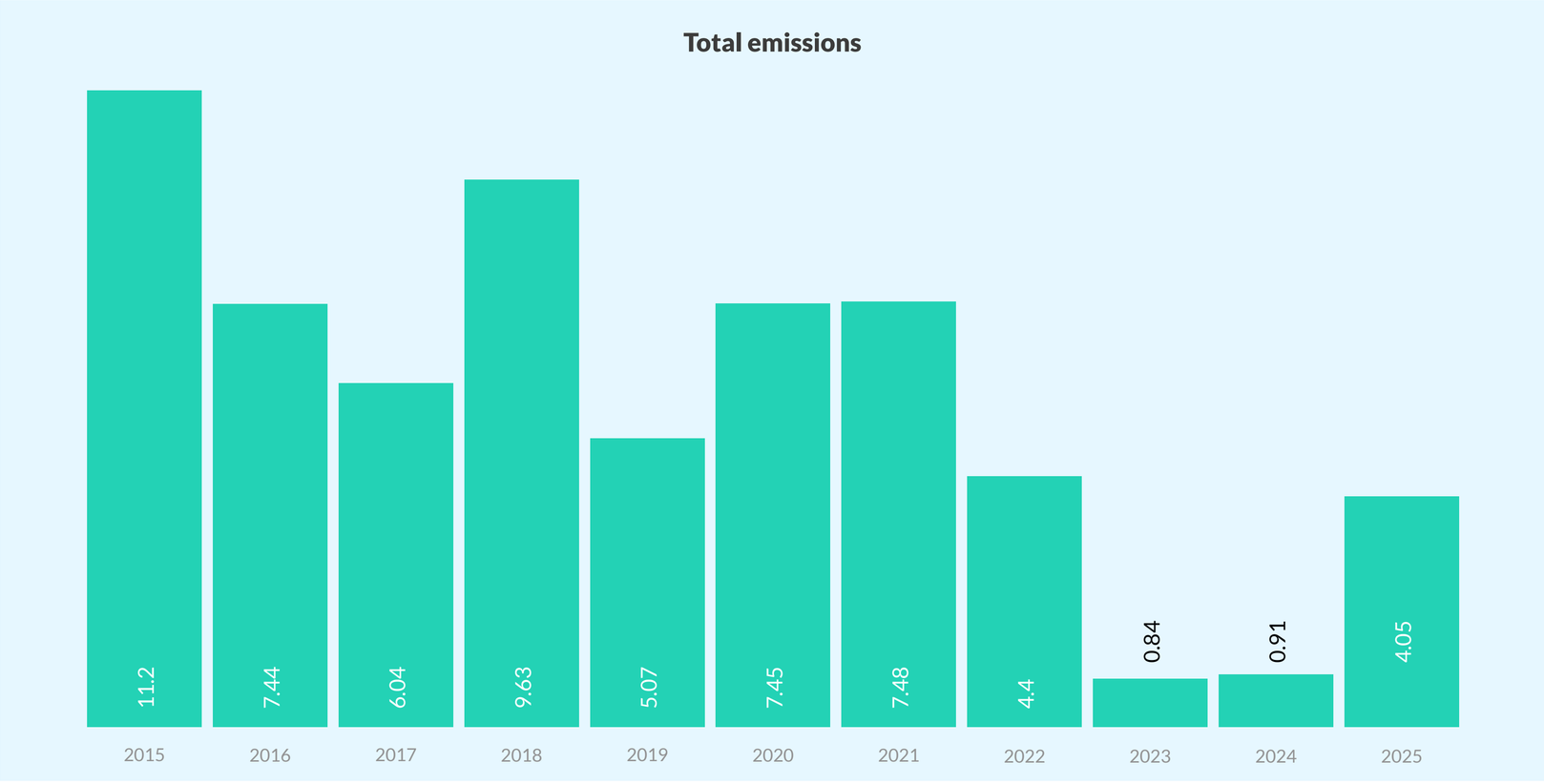
2021	0
2022	0
2023	0
2024	0
2025	0

Scope 2

2021	7.48
2022	3.34
2023	0
2024	0
2025	0

Scope 3

2021	0
2022	1.06
2023	0.84
2024	0.91
2025	4.05



RSBM – Bahia and Minas Regional Solar

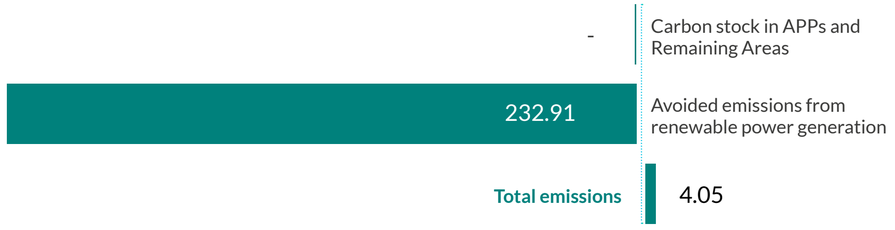
UETB – Tubarão Wind Power Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**-**	**0%**	**-**	**0%**	**-**	**0%**
Stationary combustion	-	0%	-	0%	-	0%
Mobile combustion	-	0%	-	0%	-	0%
Scope 3	**0.02**	**100%**	**-**	**0%**	**0.02**	**-**
Business Travel	0.02	100%	-	0%	0.02	100%
Purchased goods and services	-	0%	-	0%	-	0%
Transportation and Distribution (upstream)	-	0%	-	0%	-	0%
Grand Total	**0.02**	**100%**	**-**	**0%**	**0.02**	**0%**

Emissions Balance (tCO_2e)



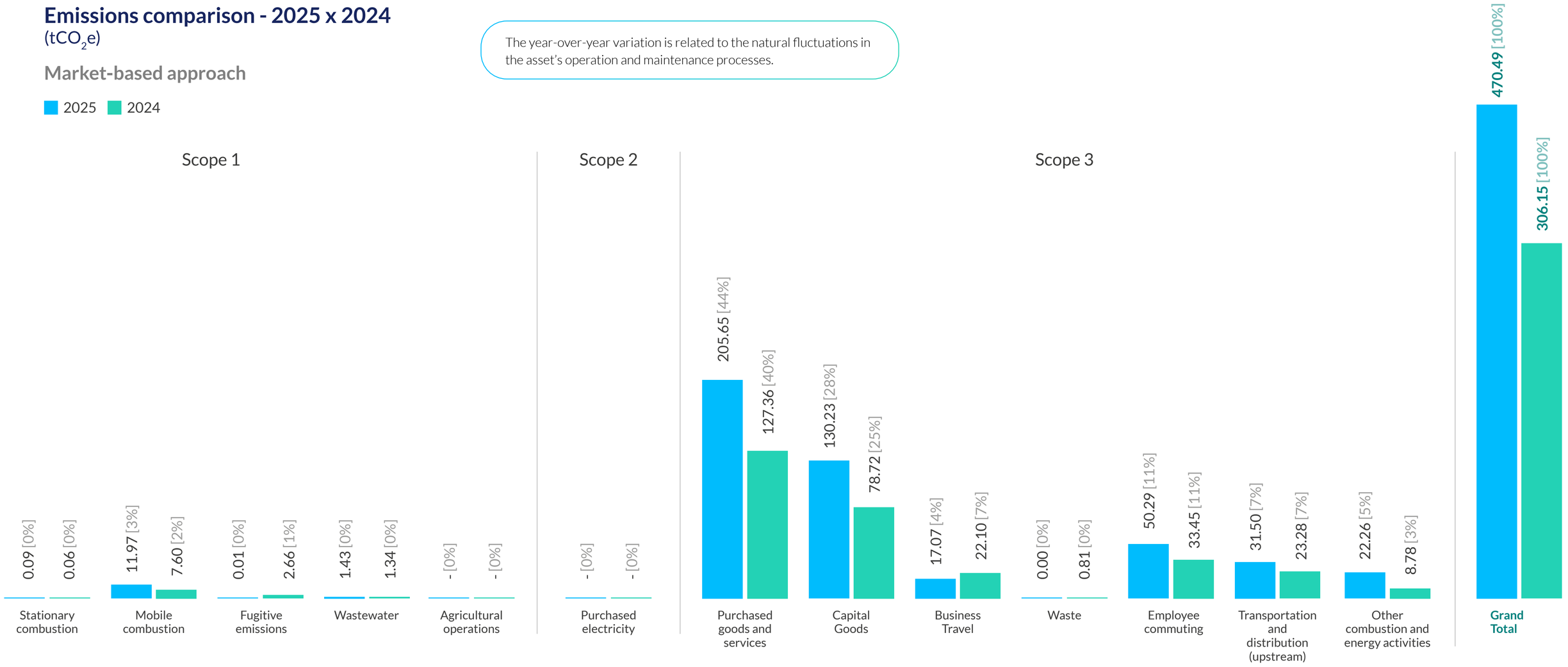
RERU – Rio Uruguai Regional

UHIT - Itá Hydropower Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.

Market-based approach



RERU – Rio Uruguai Regional

UHIT - Itá Hydropower Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

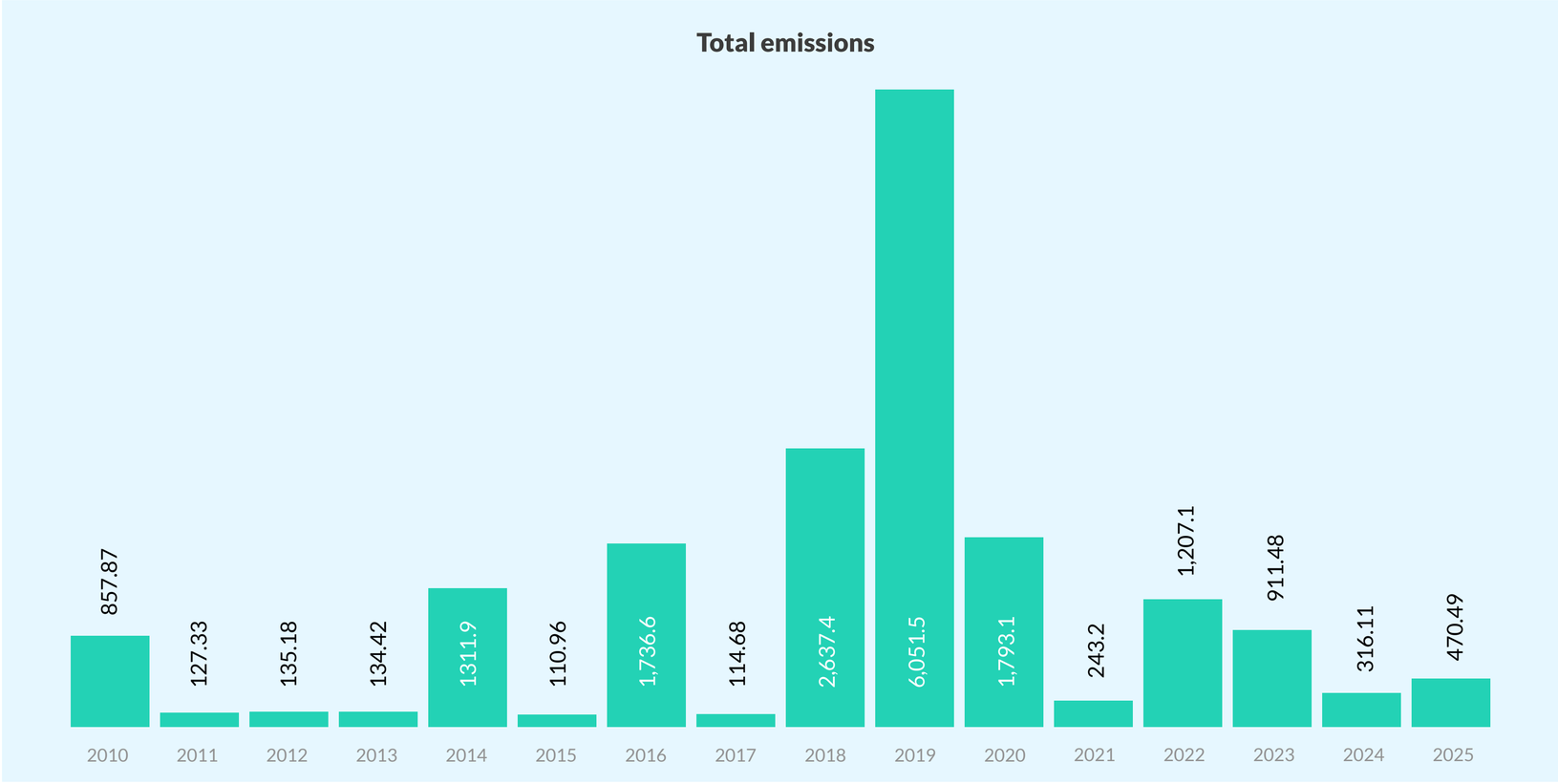
2021	7.85
2022	1.6
2023	5.09
2024	21.62
2025	13.5

Scope 2

2021	179.69
2022	40.13
2023	0
2024	0
2025	0

Scope 3

2021	55.66
2022	1,165.4
2023	906.39
2024	294.49
2025	457.00



RERU – Rio Uruguai Regional

UHIT - Itá Hydropower Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**19.59**	**54%**	**12.94**	**49%**	**6.65**	**51%**
Stationary combustion	0.02	0%	0.01	0%	0.01	100%
Mobile combustion	19.56	54%	12.93	49%	6.63	51%
Scope 3	**16.88**	**46%**	**13.20**	**51%**	**3.68**	**28%**
Business Travel	1.96	4%	3.09	12%	-1.13	-37%
Employee commuting	7.45	12%	4.86	19%	3.41	70%
Transportation and Distribution (upstream)	7.47	7%	5.25	20%	2.22	42%
Other combustion and energy activities	32.36	8%	0.00	0%	32.36	-
Grand Total	**36.47**	**100%**	**26.15**	**100%**	**10.32**	**40%**

Emissions Balance (tCO_2e)



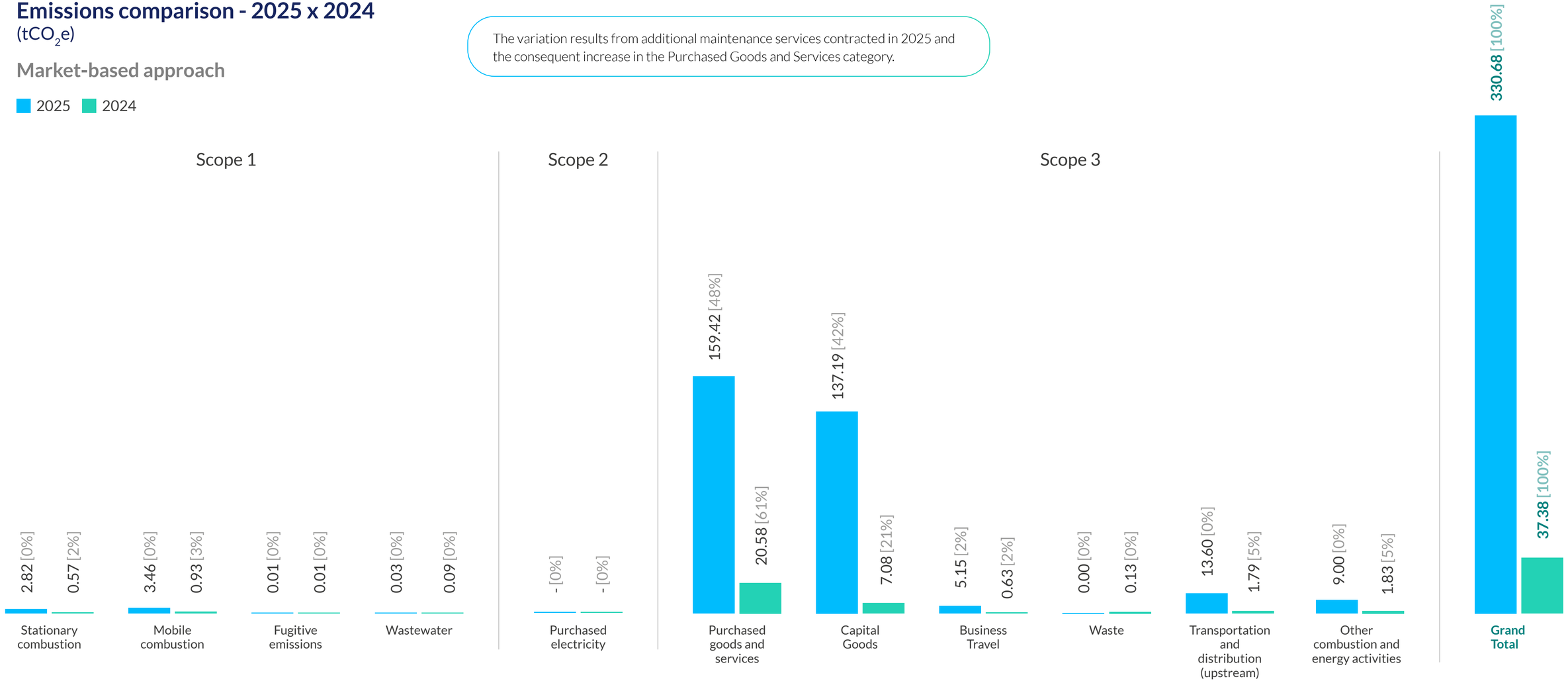
RERU – Rio Uruguai Regional

UHMA - Machadinho Hydropower Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

Market-based approach

The variation results from additional maintenance services contracted in 2025 and the consequent increase in the Purchased Goods and Services category.



RERU – Rio Uruguai Regional

UHMA - Machadinho Hydropower Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

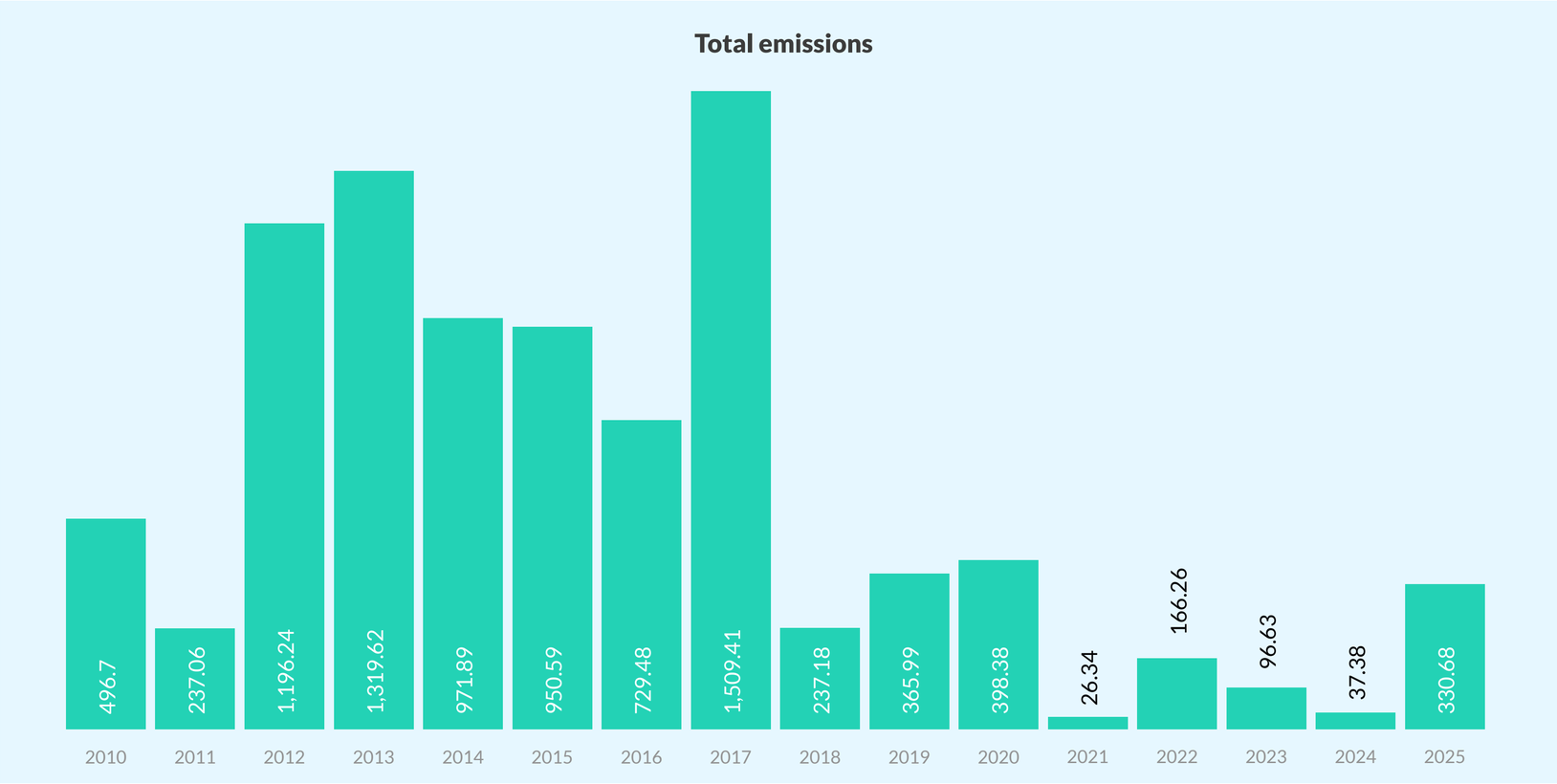
2021	0.86
2022	0.76
2023	1.48
2024	5.33
2025	6.32

Scope 2

2021	11.88
2022	0
2023	0
2024	0
2025	0

Scope 3

2021	13.6
2022	165.5
2023	95.15
2024	32.04
2025	324.36



RERU – Rio Uruguai Regional

UHMA - Machadinho Hydropower Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**13.39**	**80%**	**2.93**	**88%**	**10.46**	**357%**
Stationary combustion	0.45	3%	0.08	2%	0.37	462%
Mobile combustion	12.95	77%	2.85	86%	10.10	354%
Scope 3	**3.38**	**20%**	**0.39**	**12%**	**2.99**	**767%**
Business Travel	0.42	2%	0.09	3%	0.31	344%
Transportation and Distribution (upstream)	2.96	18%	0.30	9%	2.66	887%
Grand Total	**16.77**	**100%**	**3.32**	**100%**	**13.45**	**405%**

Emissions Balance (tCO_2e)



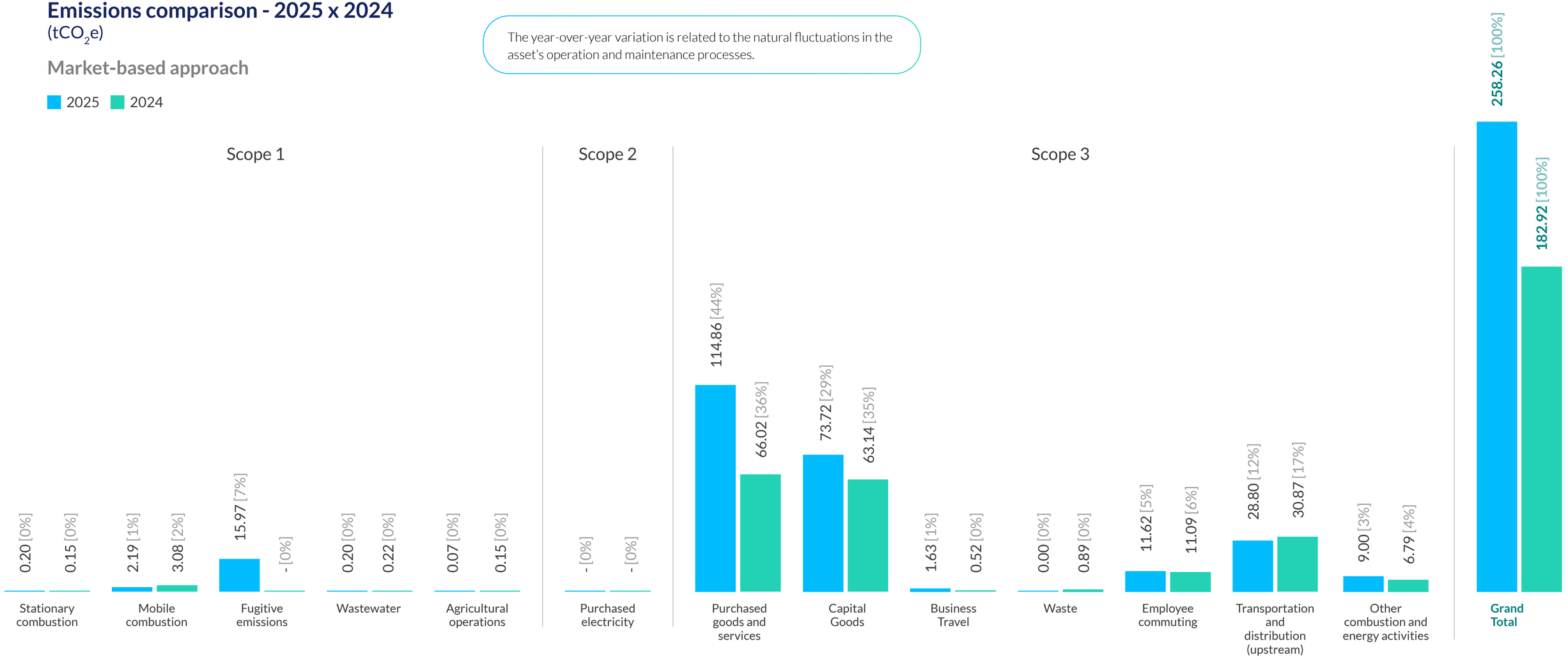
RERU – Rio Uruguai Regional

UHPF - Passo Fundo Hydropower Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.

Market-based approach



RERU – Rio Uruguai Regional

UHPF - Passo Fundo Hydropower Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

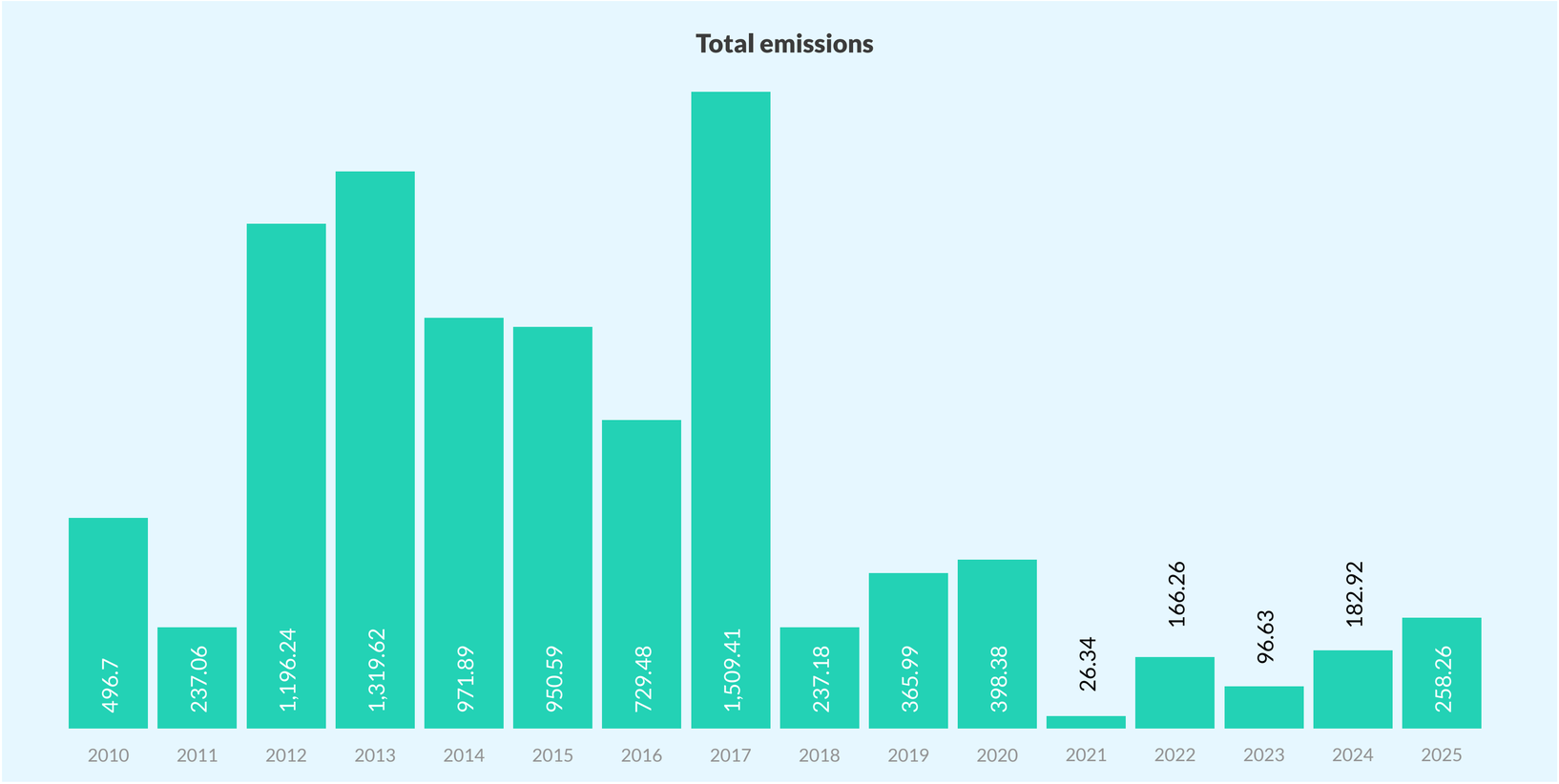
2021	0.86
2022	0.76
2023	1.48
2024	3.59
2025	18.64

Scope 2

2021	11.88
2022	0
2023	0
2024	0
2025	0

Scope 3

2021	13.6
2022	165.5
2023	95.15
2024	179.33
2025	239.63



RERU – Rio Uruguai Regional

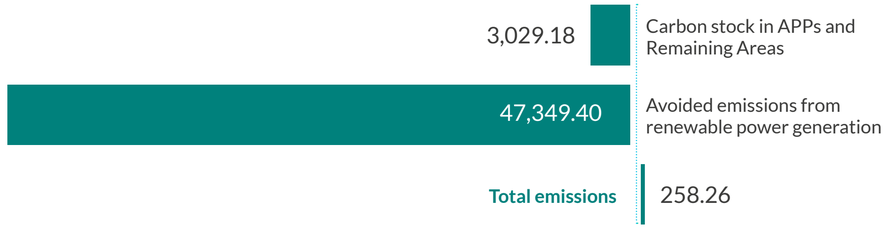
UHPF - Passo Fundo Hydropower Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**8.68**	**52%**	**8.92**	**53%**	**-0.24**	**-3%**
Stationary combustion	0.03	0%	0.03	0%	0.00	0%
Mobile combustion	8.65	52%	8.90	53%	-0.25	-3%
Scope 3	**8.11**	**48%**	**7.90**	**47%**	**0.21**	**3%**
Business Travel	6.20	37%	0.03	0%	6.17	20567%
Employee commuting	1.72	10%	1.61	10%	0.11	7%
Transportation and Distribution (upstream)	0.19	1%	6.26	37%	-6.07	-97%
Grand Total	**16.79**	**100%**	**16.82**	**100%**	**-0.03**	**0%**

Emissions Balance (tCO_2e)



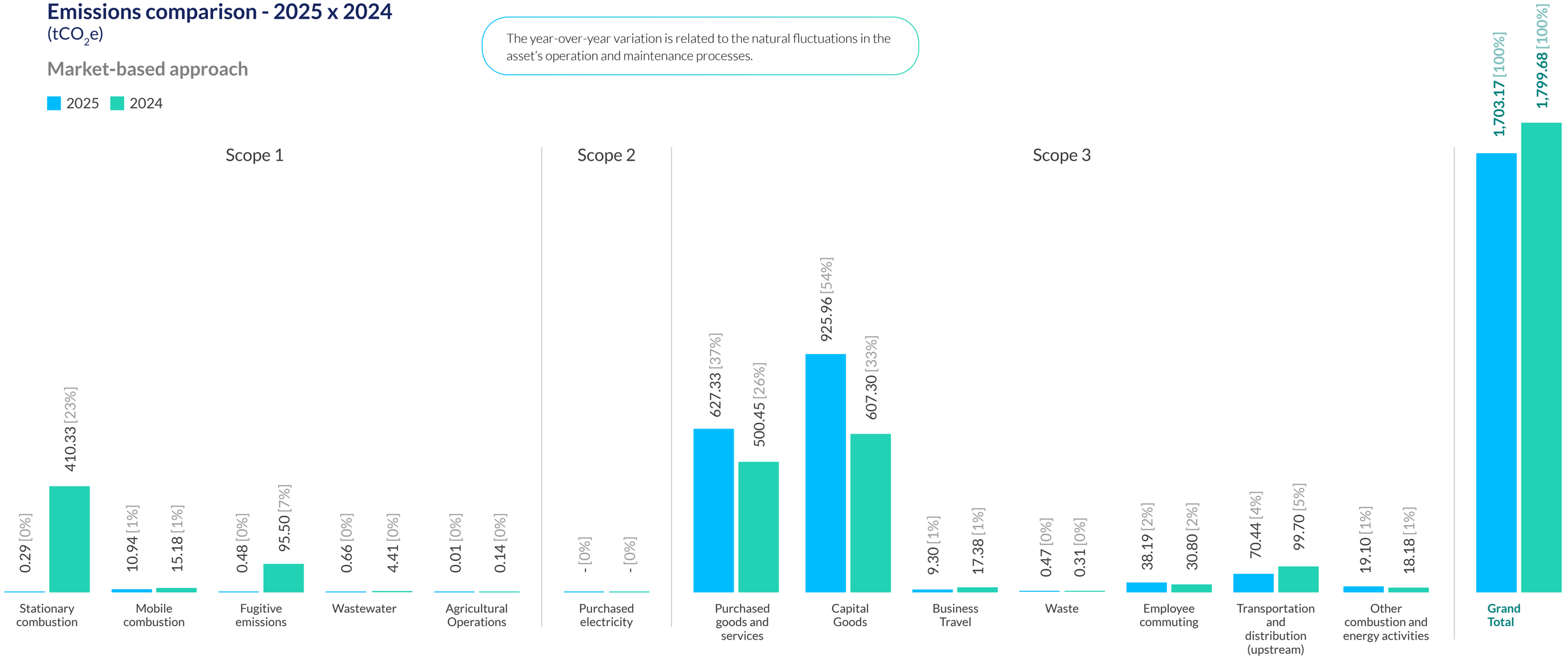
RERI – Rio Iguaçu Regional

UHSO - Salto Osório Hydropower Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.

Market-based approach



RERI – Rio Iguaçu Regional

UHSO - Salto Osório Hydropower Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

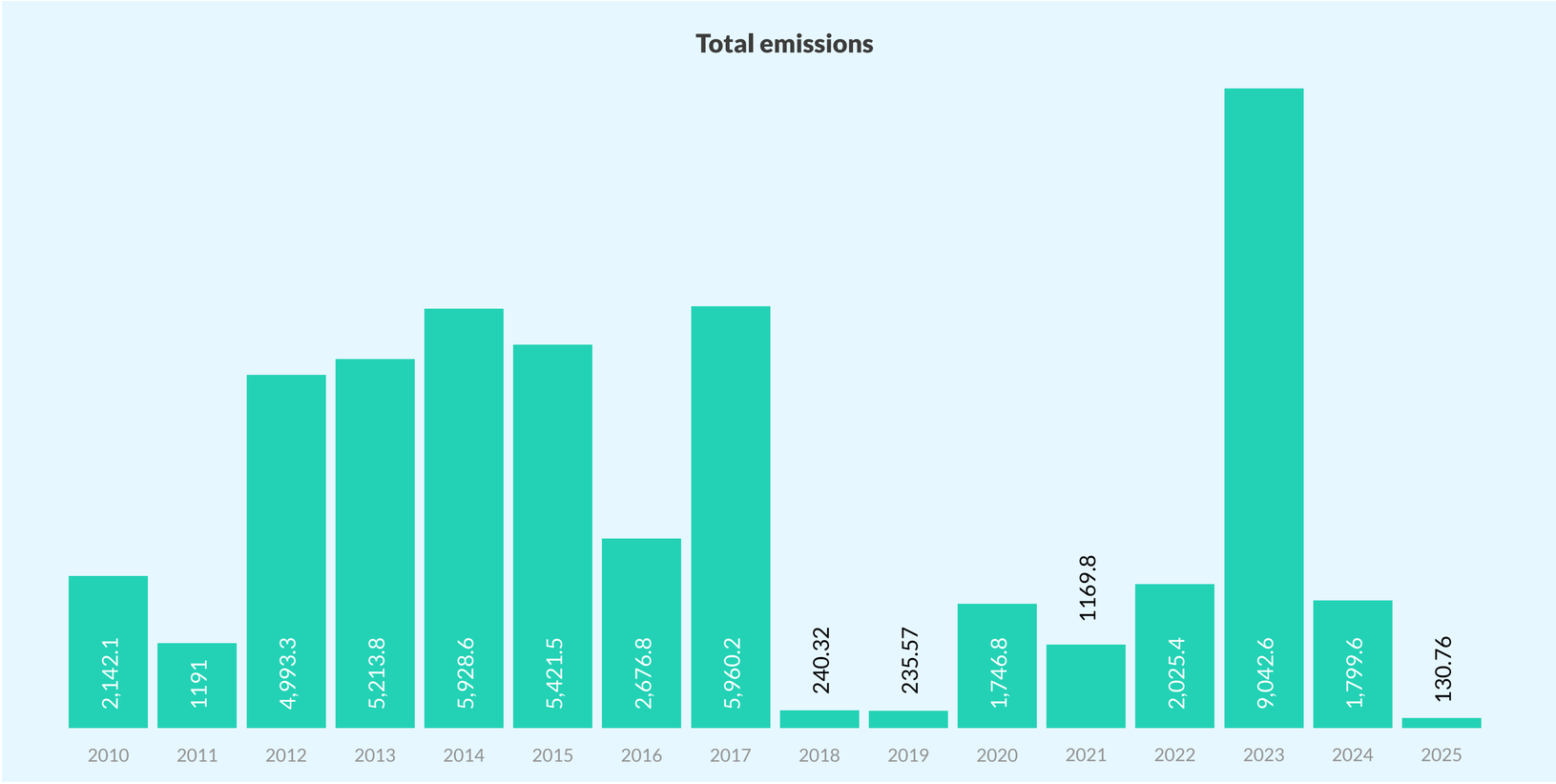
2021	41.11
2022	59.59
2023	50.69
2024	525.56
2025	12.37

Scope 2

2021	988.00
2022	13.36
2023	0
2024	0
2025	0

Scope 3

2021	140.69
2022	1,952.5
2023	8,992
2024	1,274.1
2025	1,690.80



RERI – Rio Iguaçu Regional

UHSO - Salto Osório Hydropower Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**19.96**	**18%**	**29.96**	**43%**	**(2.12)**	**-7%**
Stationary combustion	0.07	0%	0.05	0%	-0.02	-40%
Mobile combustion	19.89	18%	29.91	43%	-10.02	-34%
Scope 3	**91.72**	**82%**	**39.89**	**57%**	**51.83**	**130%**
Business Travel	67.75	61%	17.08	24%	(12.87)	-75%
Transportation and Distribution (upstream)	17.23	16%	17.77	25%	1.83	10%
Employee commuting	6.73	1%	5.03	7%	1.70	5%
Grand Total	**111.68**	**100%**	**69.85**	**100%**	**41.83**	**60%**

Emissions Balance (tCO_2e)



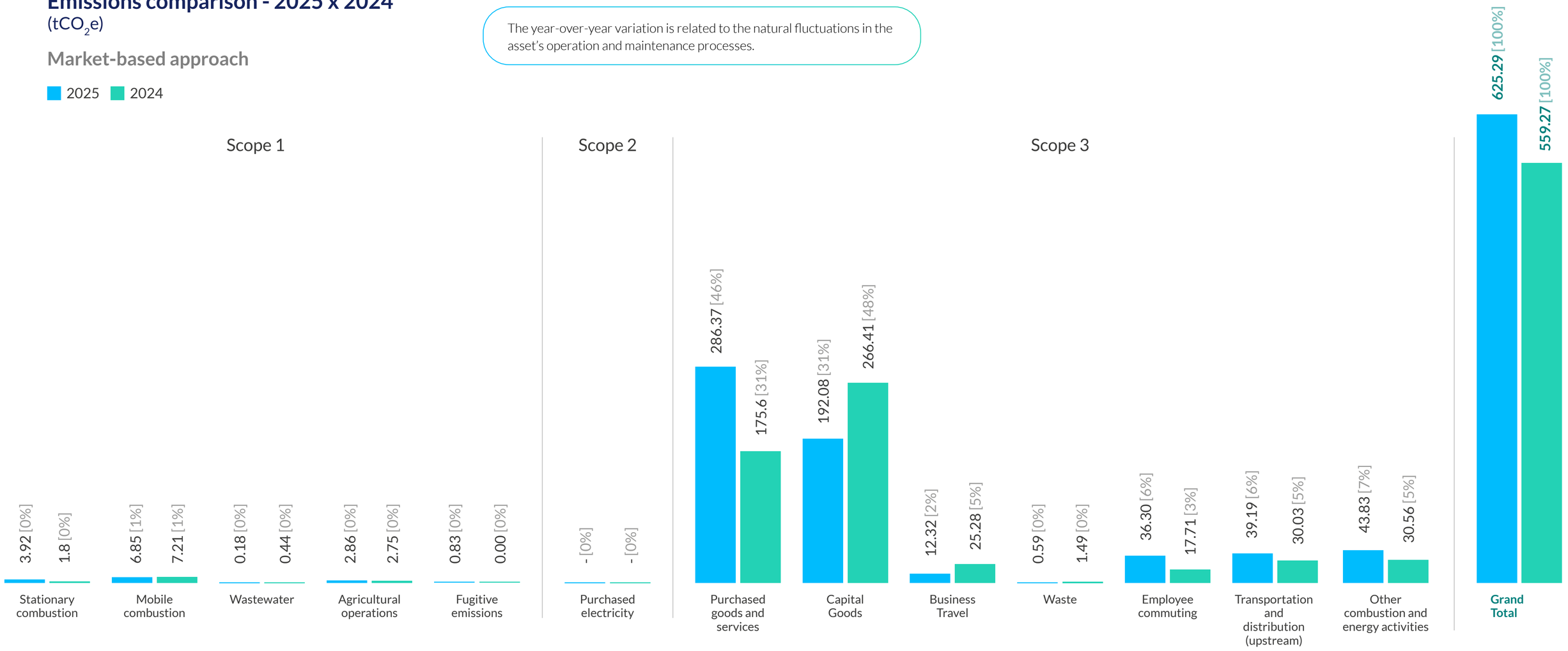
RERI – Rio Iguaçu Regional

UHSS - Salto Santiago Hydropower Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.

Market-based approach



RERI – Rio Iguaçu Regional

UHSS - Salto Santiago Hydropower Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

2021	14.58
2022	106.27
2023	8.53
2024	12.19
2025	14.61

Scope 2

2021	439.47
2022	95.65
2023	0
2024	0
2025	0

Scope 3

2021	76.75
2022	831.09
2023	2,077.4
2024	547.08
2025	610.68



RERI – Rio Iguaçu Regional

UHSS - Salto Santiago Hydropower Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**31.26**	**66%**	**31.57**	**74%**	**-0.31**	**-1%**
Stationary combustion	1.01	2%	0.27	1%	0.74	274%
Mobile combustion	30.25	64%	31.3	74%	-1.05	-3%
Scope 3	**16.10**	**34%**	**10.98**	**26%**	**5.12**	**47%**
Business travel	3.15	7%	1.93	5%	1.22	63%
Transportation and Distribution (upstream)	0.00	0%	0.70	2%	-0.70	-100%
Grand Total	**47.36**	**100%**	**42.55**	**100%**	**4.81**	**11%**

Emissions Balance (tCO_2e)



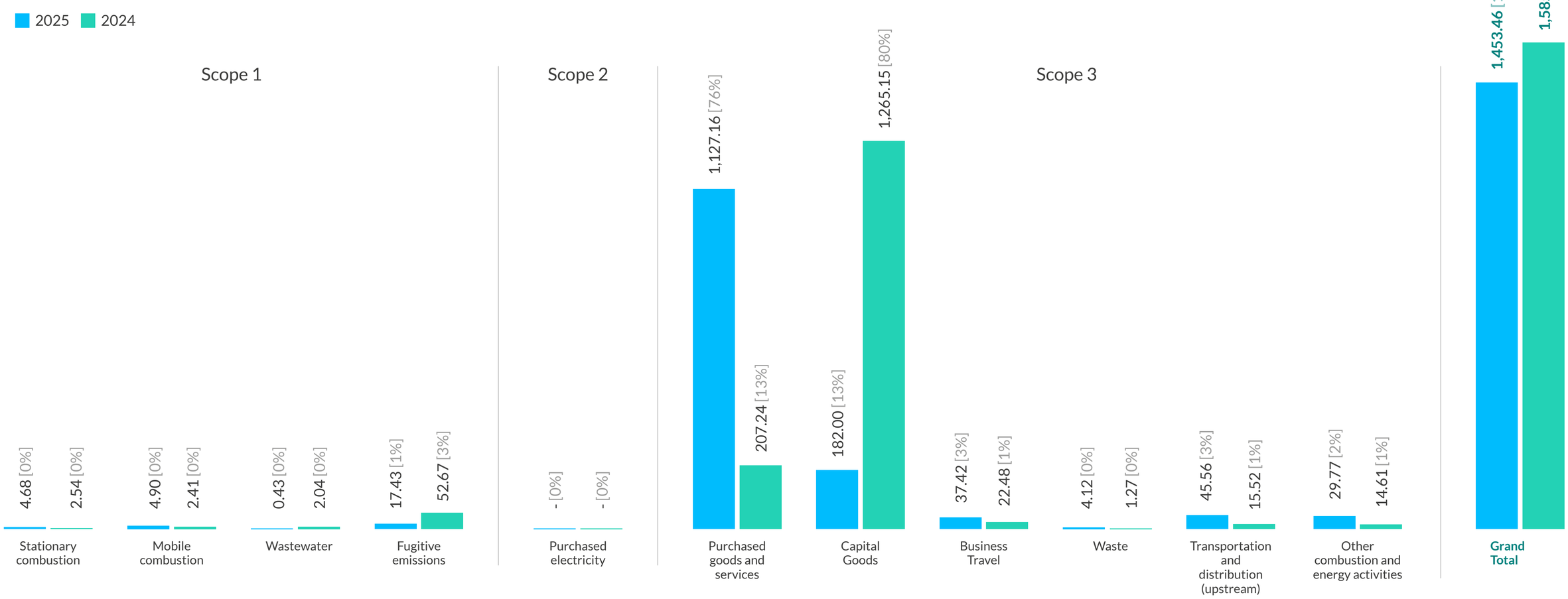
REMG – Minas Gerais Regional

UHJA - Jaguara Hydropower Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.

Market-based approach



REMG – Minas Gerais Regional

UHJA - Jaguara Hydropower Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

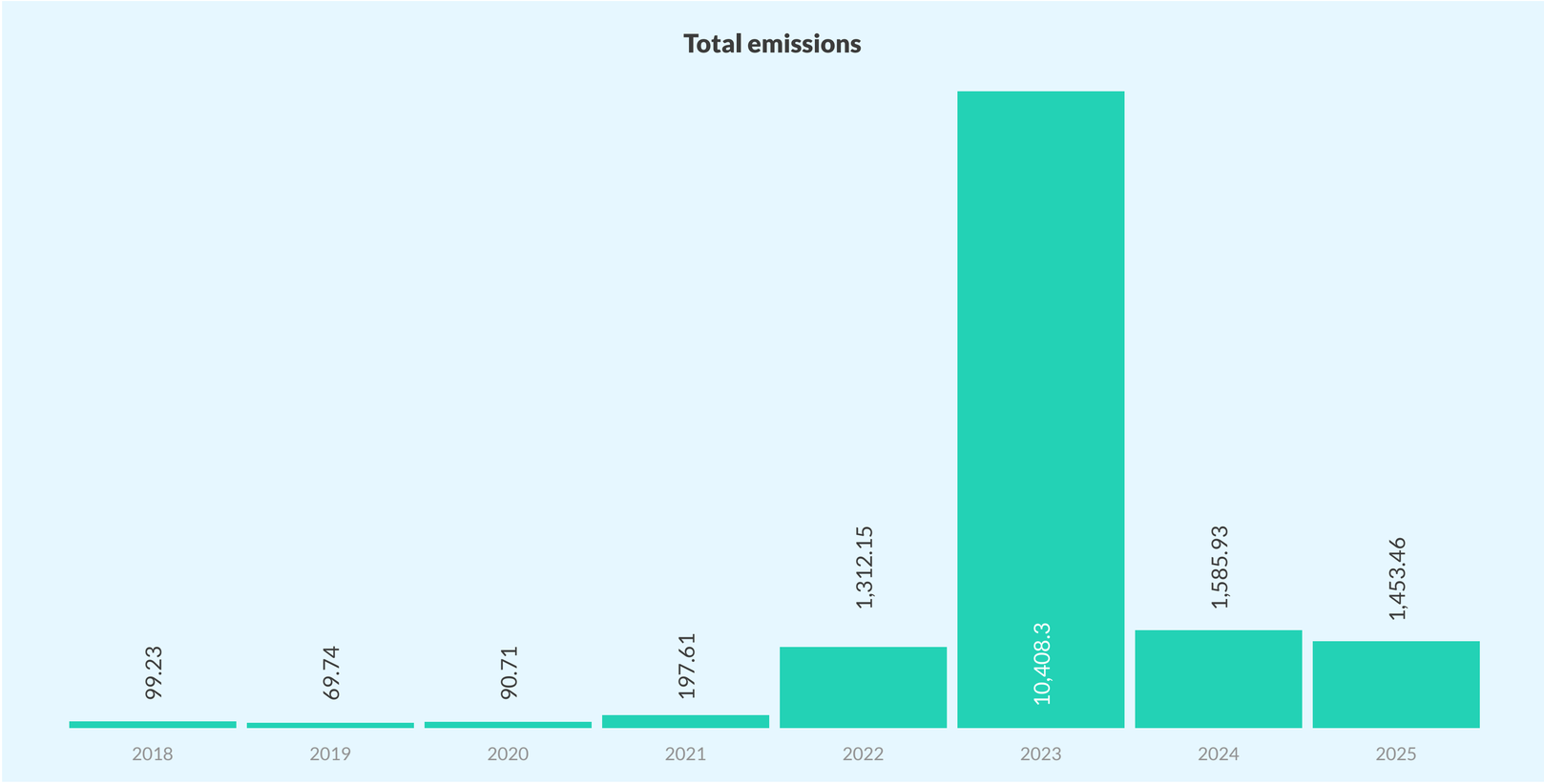
2021	13.37
2022	39.25
2023	66.28
2024	59.66
2025	27.43

Scope 2

2021	120.29
2022	42.09
2023	0
2024	0
2025	0

Scope 3

2021	63.95
2022	1,230.81
2023	10,342.02
2024	1,526.27
2025	1,426.03



REMG – Minas Gerais Regional

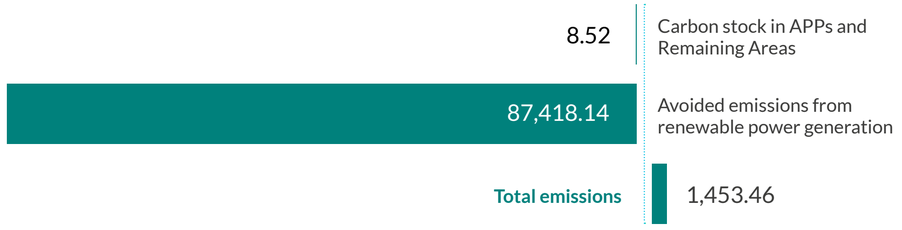
UHJA - Jaguara Hydropower Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**22.90**	**32%**	**14.41**	**36%**	**8.49**	**59%**
Stationary combustion	0.78	1%	0.48	1%	0.30	63%
Mobile combustion	22.12	31%	13.94	35%	8.18	59%
Scope 3	**49.24**	**68%**	**25.93**	**64%**	**23.31**	**90%**
Business travel	1.49	2%	1.08	3%	0.41	38%
Transportation and Distribution (upstream)	47.75	66%	24.85	62%	22.90	92%
Grand Total	**72.15**	**100%**	**40.34**	**100%**	**31.81**	**79%**

Emissions Balance (tCO_2e)



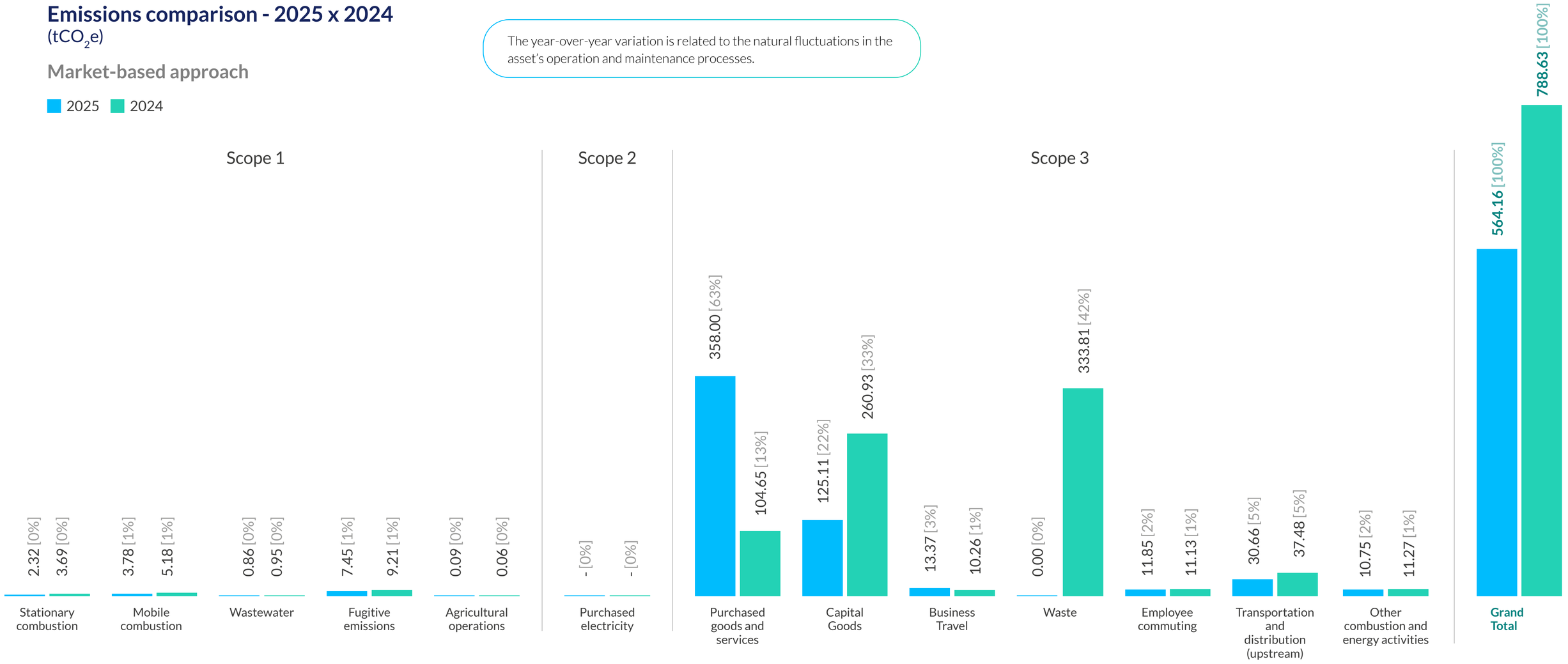
REMG – Minas Gerais Regional

UHMI - Miranda Hydropower Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.

Market-based approach



REMG – Minas Gerais Regional

UHMI - Miranda Hydropower Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

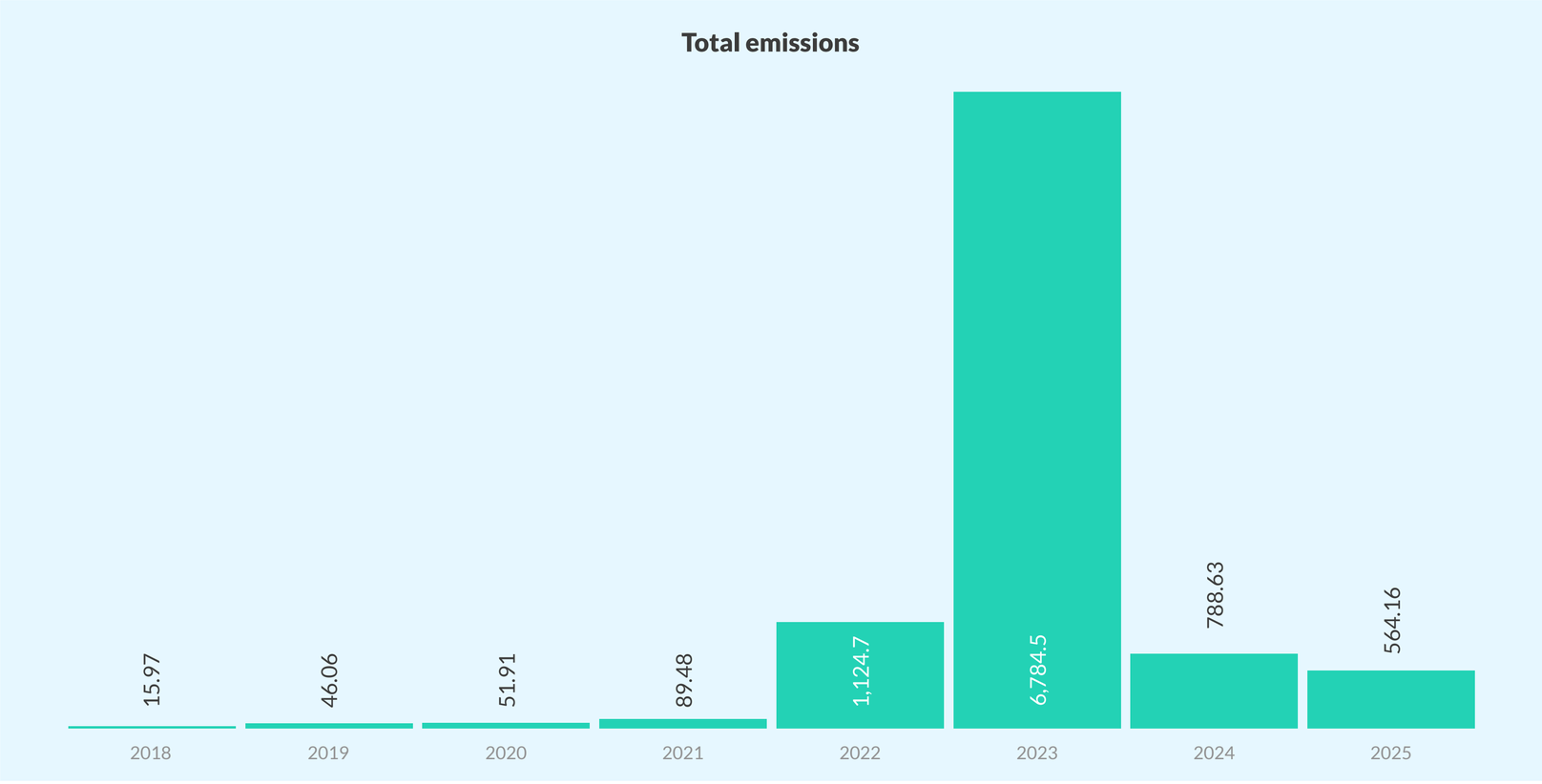
2021	19.14
2022	10.37
2023	10.39
2024	19.1
2025	14.41

Scope 2

2021	24.96
2022	0.17
2023	0
2024	0
2025	0

Scope 3

2021	45.38
2022	1,114.16
2023	6,774.11
2024	769.53
2025	549.74



REMG – Minas Gerais Regional

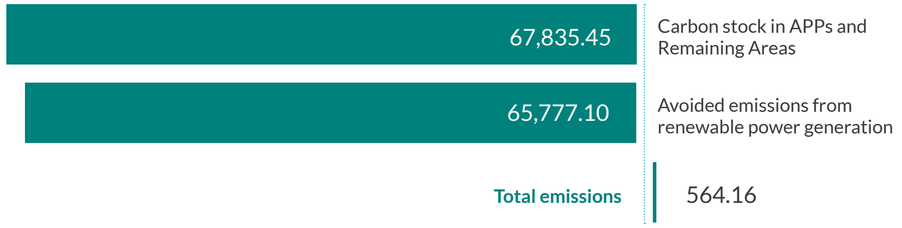
UHMI - Miranda Hydropower Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**15.54**	**39%**	**16.26**	**34%**	**-0.72**	**-4%**
Stationary combustion	0.63	2%	0.80	2%	-0.17	-21%
Mobile combustion	14.91	38%	15.47	33%	-0.56	-4%
Scope 3	**24.18**	**61%**	**31.06**	**66%**	**-6.88**	**-22%**
Business travel	0.73	2%	1.21	3%	-0.48	-40%
Transportation and distribution (upstream)	21.69	55%	28.24	60%	-6.55	-23%
Employee commuting	1.76	4%	1.61	3%	0.15	9%
Grand Total	**39.72**	**100%**	**47.32**	**100%**	**-7.60**	**-16%**

Emissions Balance (tCO_2e)



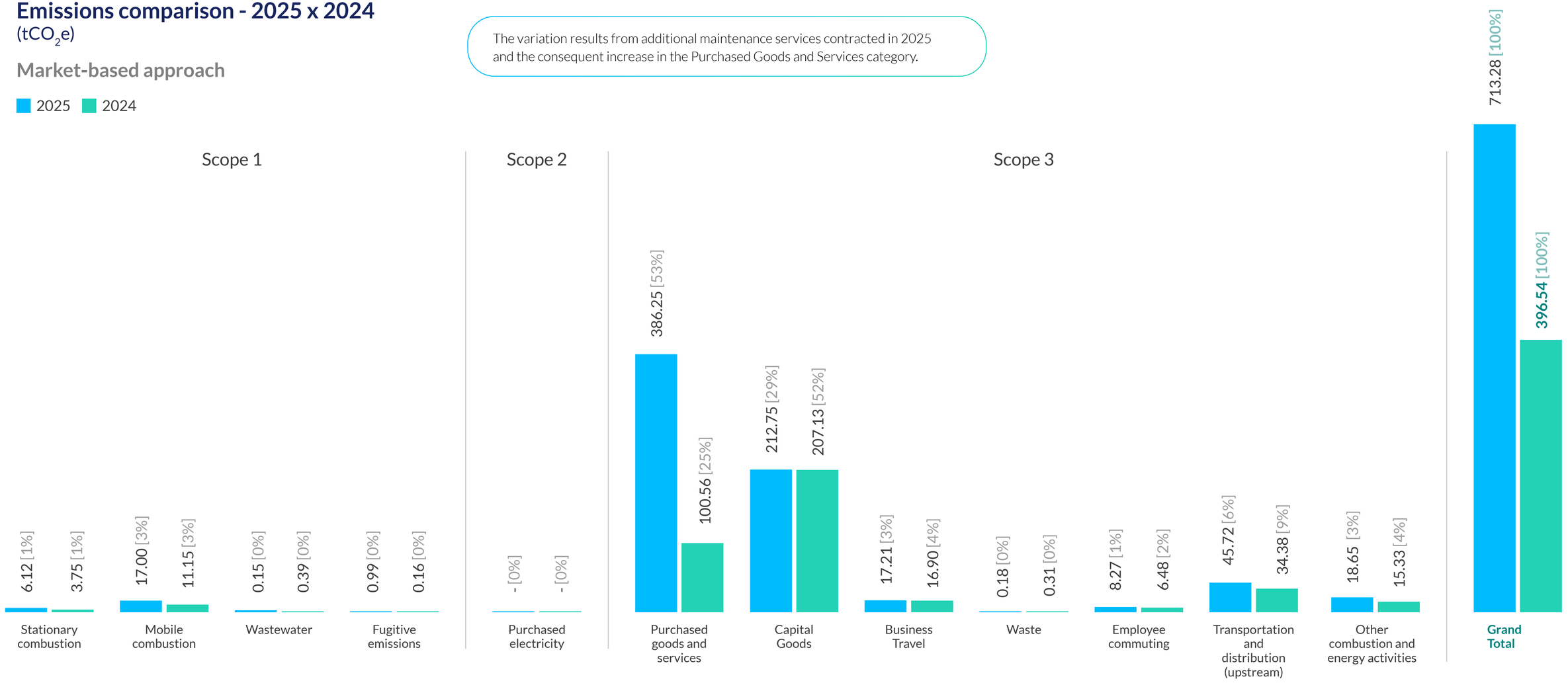
REMG – Minas Gerais Regional

UHPP - Ponte de Pedra Hydropower Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

Market-based approach

The variation results from additional maintenance services contracted in 2025 and the consequent increase in the Purchased Goods and Services category.



REMG – Minas Gerais Regional

UHPP - Ponte de Pedra Hydropower Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

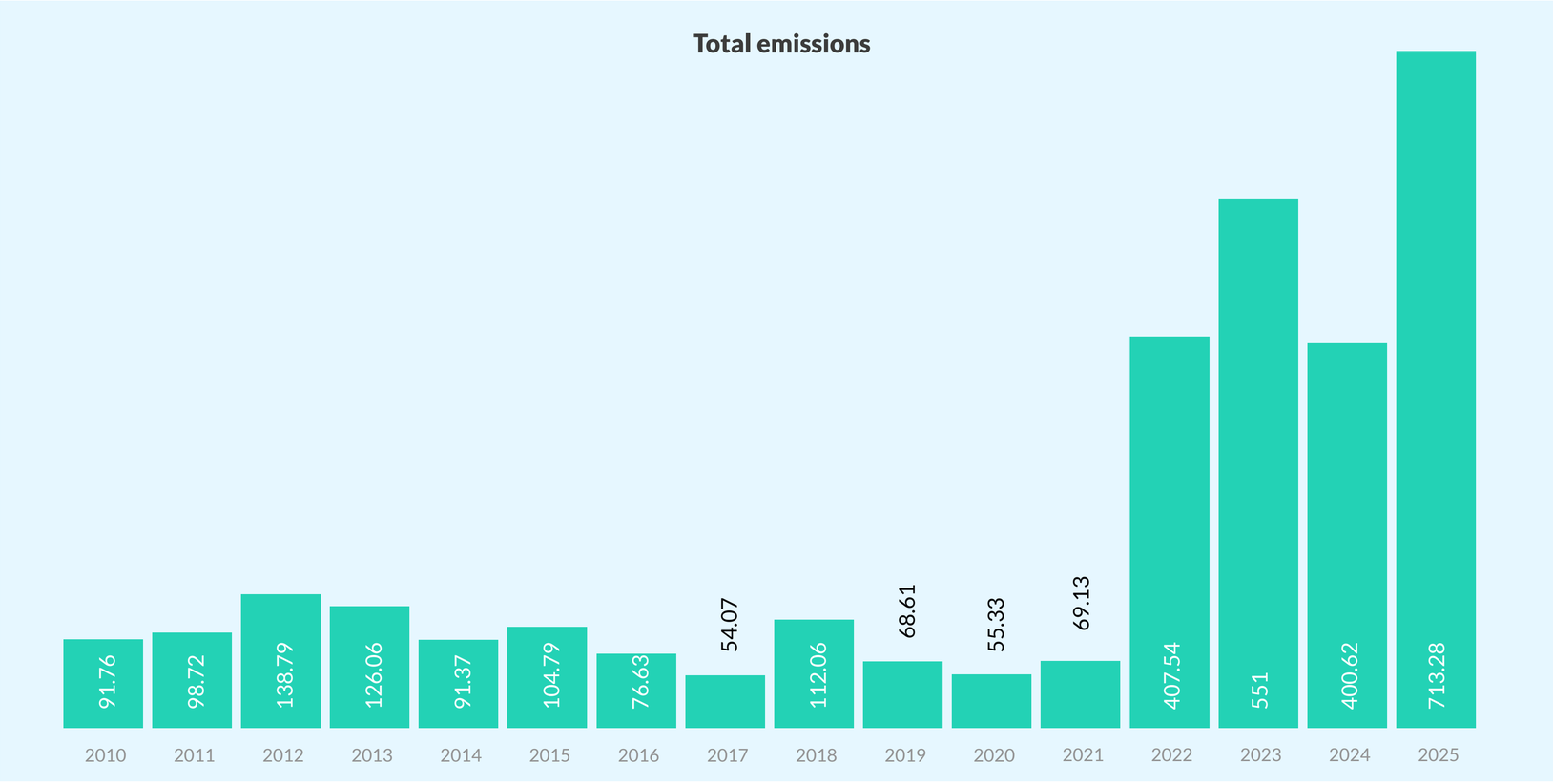
2021	22.31
2022	47.99
2023	115.29
2024	19.53
2025	24.26

Scope 2

2021	0.08
2022	0.01
2023	0
2024	0
2025	0

Scope 3

2021	46.74
2022	359.54
2023	435.71
2024	381.09
2025	689.02



REMG – Minas Gerais Regional

UHPP - Ponte de Pedra Hydropower Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**23.93**	**34%**	**24.27**	**37%**	**-0.34**	**-1%**
Stationary combustion	0.95	1%	0.54	1%	0.41	76%
Mobile combustion	22.98	33%	23.73	36%	-0.75	-3%
Scope 3	**45.62**	**66%**	**40.88**	**63%**	**4.74**	**12%**
Business travel	2.29	3%	0.95	1%	1.34	141%
Employee commuting	1.22	2%	0.94	1%	0.28	30%
Transportation and distribution (upstream)	42.11	61%	38.99	60%	3.12	8%
Grand Total	**69.55**	**100%**	**65.15**	**100%**	**4.40**	**7%**

Emissions Balance (tCO_2e)



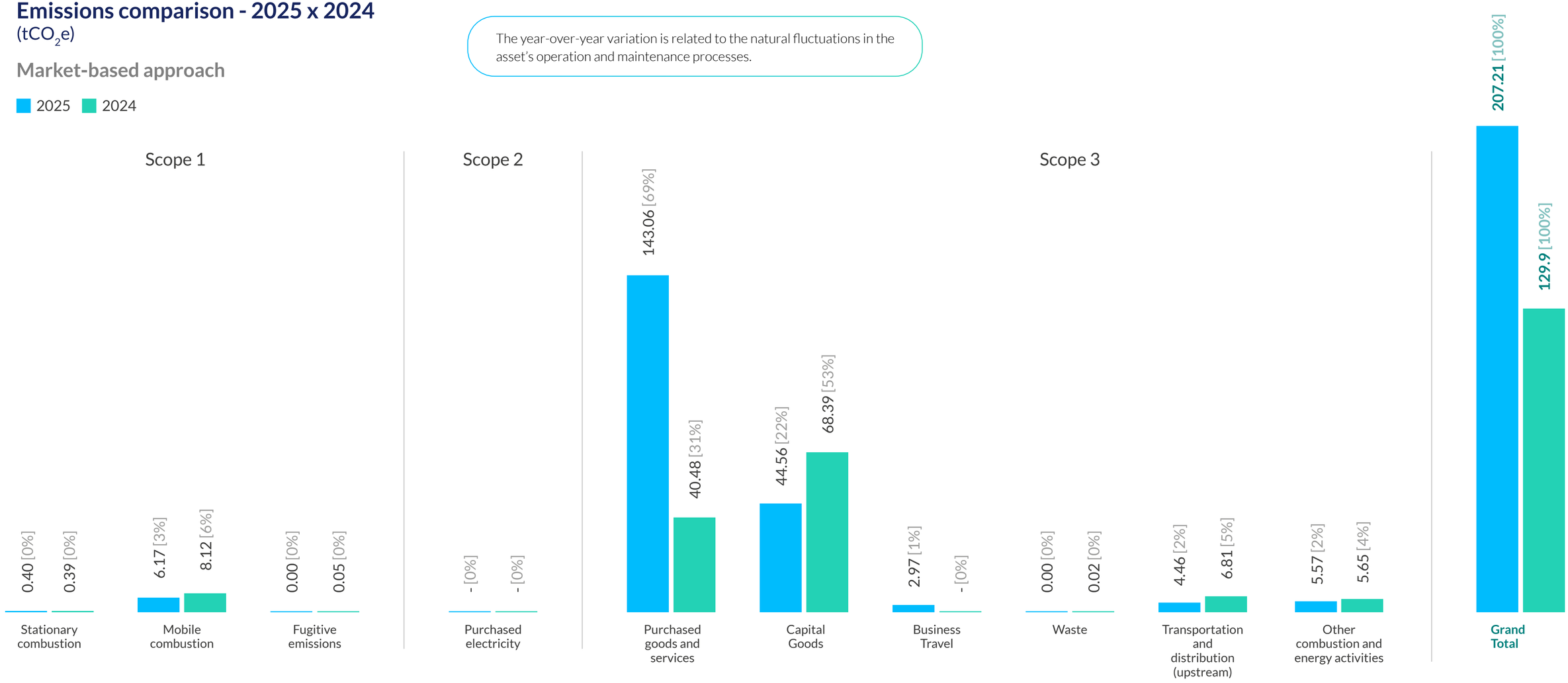
REMG – Minas Gerais Regional

PHRO - Rondonópolis Small Hydropower Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.

Market-based approach



REMG – Minas Gerais Regional

PHRO - Rondonópolis Small Hydropower Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

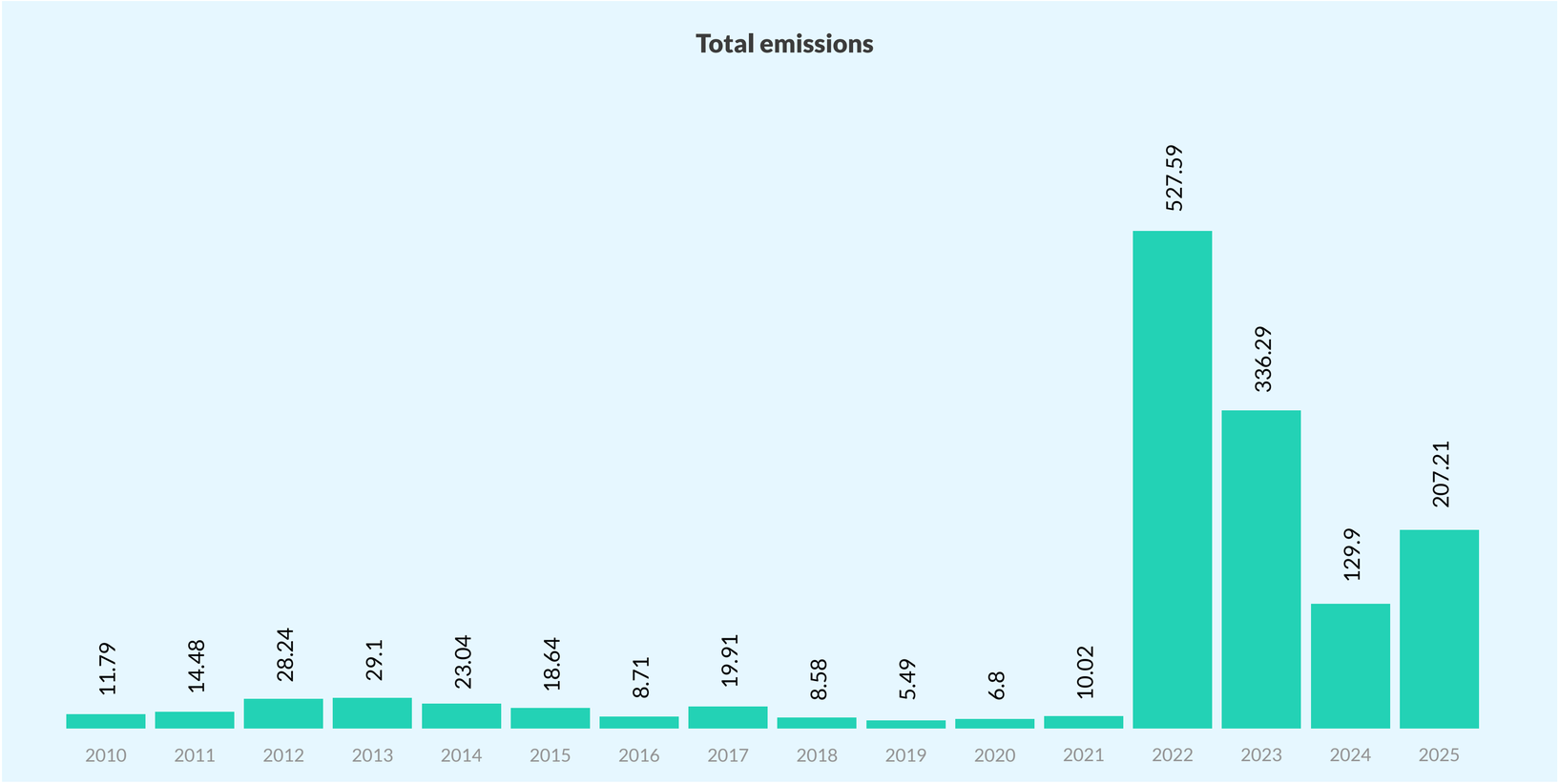
2021	0.28
2022	0.84
2023	9.36
2024	8.55
2025	6.57

Scope 2

2021	4.81
2022	1.11
2023	0
2024	0
2025	0

Scope 3

2021	4.93
2022	525.64
2023	326.93
2024	121.35
2025	200.64



REMG – Minas Gerais Regional

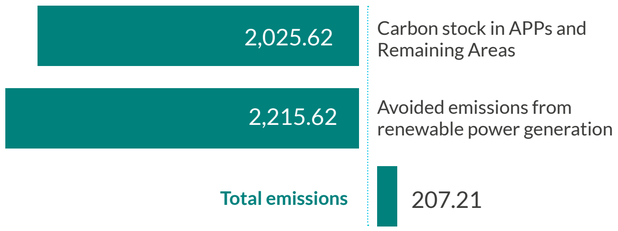
PHRO - Rondonópolis Small Hydropower Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**6.63**	**83%**	**7.54**	**88%**	**-0.91**	**-12%**
Stationary combustion	0.07	1%	0.06	1%	0.01	17%
Mobile combustion	6.56	82%	7.48	87%	-0.92	-12%
Scope 3	**1.34**	**17%**	**1.07**	**12%**	**0.27**	**25%**
Transportation and distribution (upstream)	0.71	9%	1.07	12%	-0.36	-34%
Business travel	0.63	8%			0.63	
Grand Total	**7.97**	**100%**	**8.61**	**100%**	**-0.64**	**-7%**

Emissions Balance (tCO_2e)



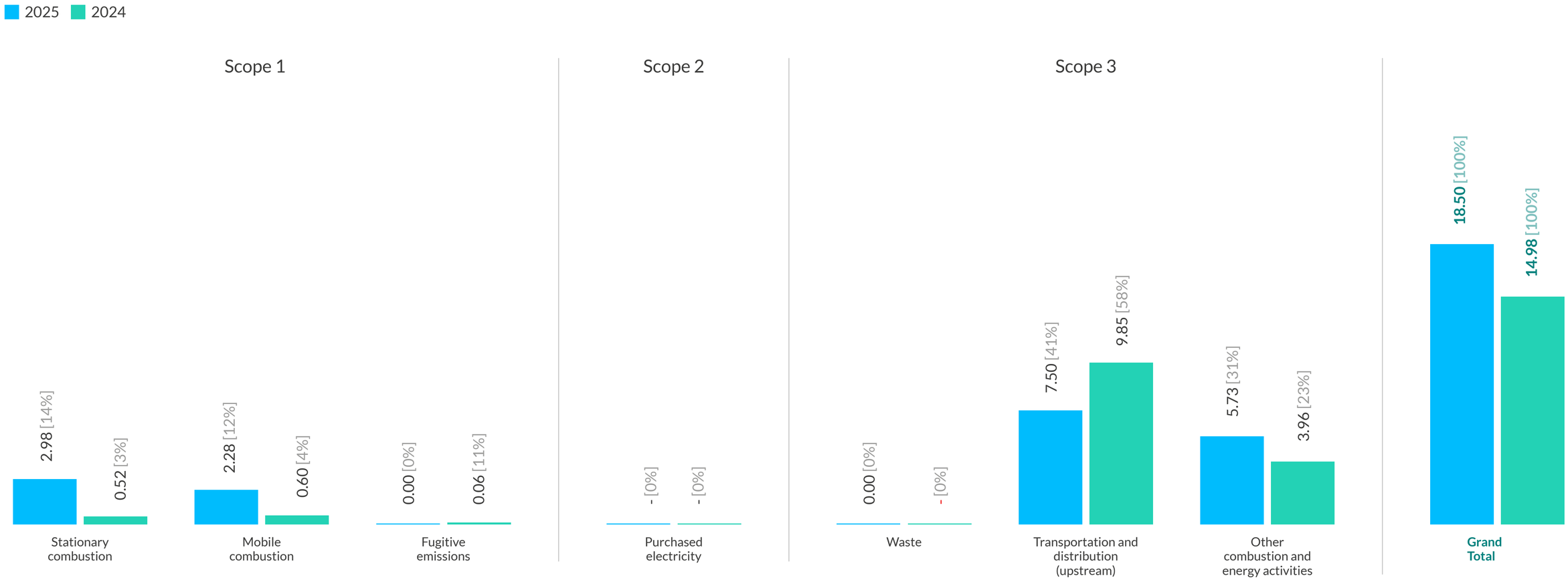
REMG – Minas Gerais Regional

PHJG - José Gelázio da Rocha Small Hydropower Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.

Market-based approach



REMG – Minas Gerais Regional

PHJG - José Gelázio da Rocha Small Hydropower Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

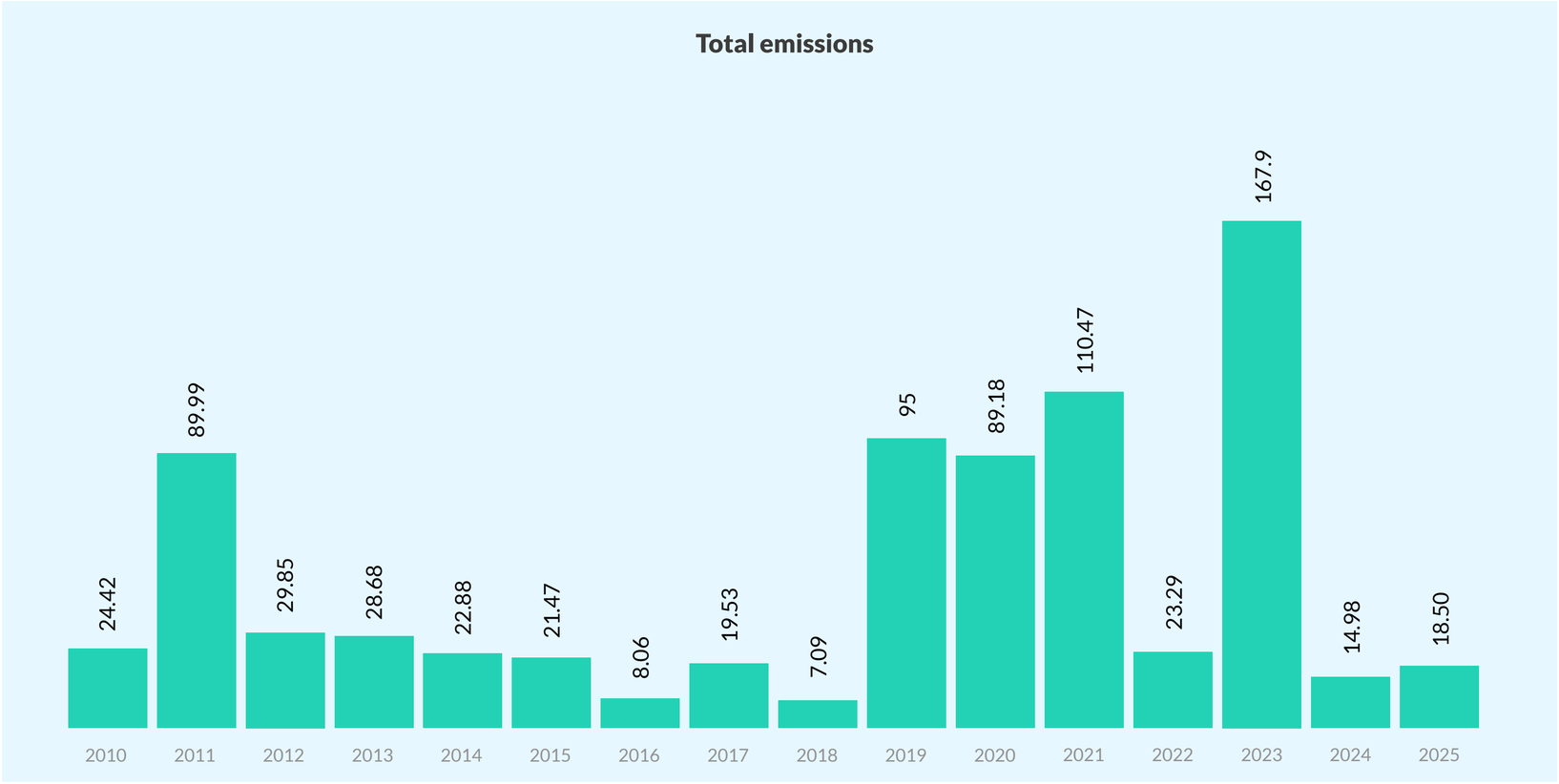
2021	99.89
2022	8.97
2023	153.91
2024	1.17
2025	5.26

Scope 2

2021	5.71
2022	1.36
2023	0
2024	0
2025	0

Scope 3

2021	4.87
2022	12.96
2023	13.99
2024	13.81
2025	13.23



REMG – Minas Gerais Regional

PHJG - José Gelázio da Rocha Small Hydropower Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**7.13**	**85%**	**5.94**	**77%**	**1.19**	**20%**
Stationary combustion	0.68	8%	0.08	1%	0.60	750%
Mobile combustion	6.45	77%	5.86	76%	0.59	10%
Scope 3	**1.23**	**15%**	**1.79**	**23%**	**-0.56**	**-31%**
Transportation and Distribution (upstream)	1.23	15%	1.79	23%	-0.56	-31%
Grand Total	**8.36**	**100%**	**7.74**	**100%**	**0.62**	**8%**

Emissions Balance (tCO_2e)



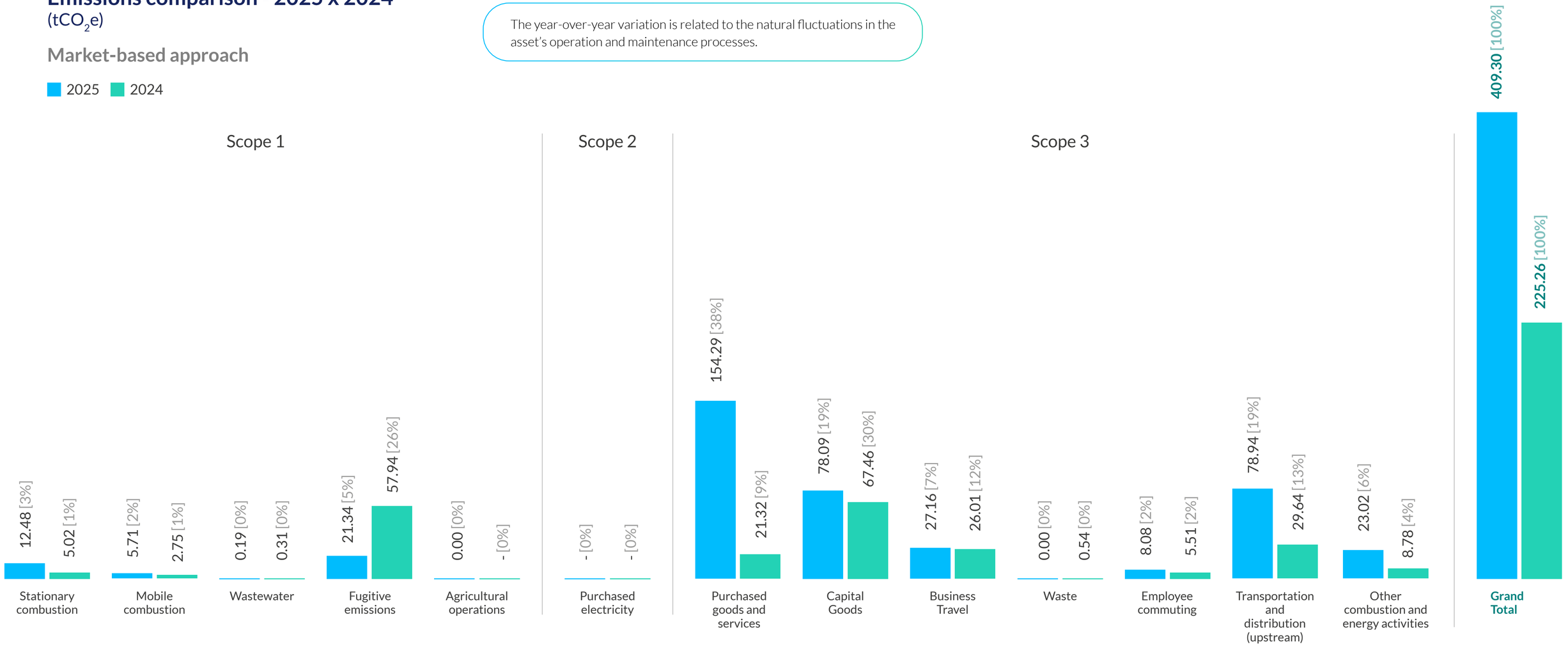
RERT – Rio Tocantins Regional

UHET - Estreito Hydropower Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.

Market-based approach



RERT – Rio Tocantins Regional

UHET - Estreito Hydropower Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

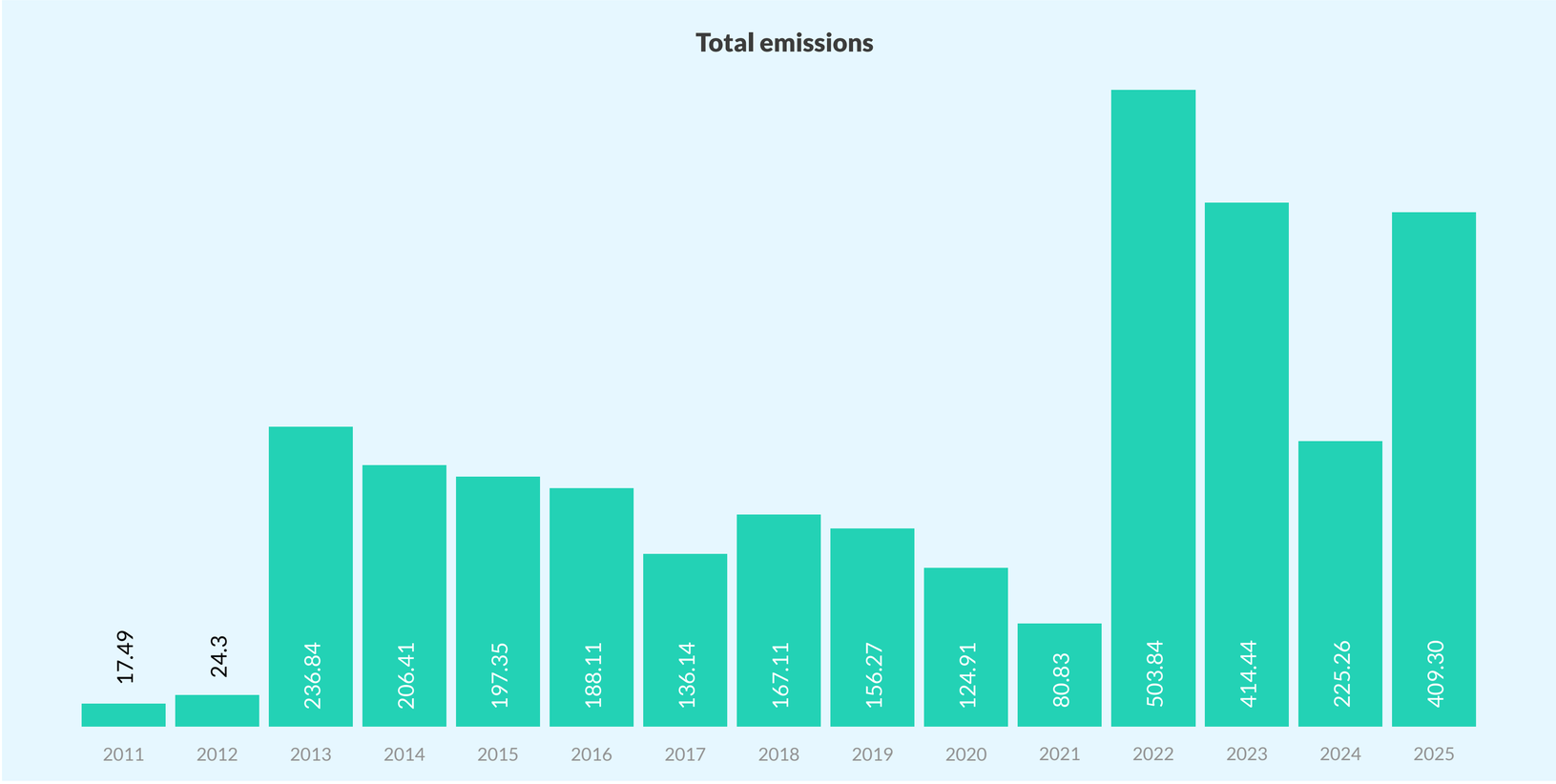
2021	35.86
2022	33.6
2023	25.92
2024	66.02
2025	39.72

Scope 2

2021	14.93
2022	4.12
2023	0
2024	0
2025	0

Scope 3

2021	30.04
2022	466.12
2023	388.52
2024	159.25
2025	369.58



RERT – Rio Tocantins Regional

UHET - Estreito Hydropower Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**27.75**	**35%**	**11.43**	**37%**	**16.32**	**143%**
Stationary combustion	1.95	2%	0.74	2%	1.21	164%
Mobile combustion	25.80	32%	10.69	35%	15.11	141%
Scope 3	**52.50**	**65%**	**19.27**	**63%**	**33.23**	**172%**
Business Travel	0.84	1%	0.89	3%	-0.05	-6%
Employee commuting	1.43	2%	1.11	4%	0.32	29%
Transportation and Distribution (upstream)	50.23	63%	17.27	56%	32.96	191%
Grand Total	**80.25**	**100%**	**30.70**	**100%**	**49.55**	**161%**

Emissions Balance (tCO_2e)



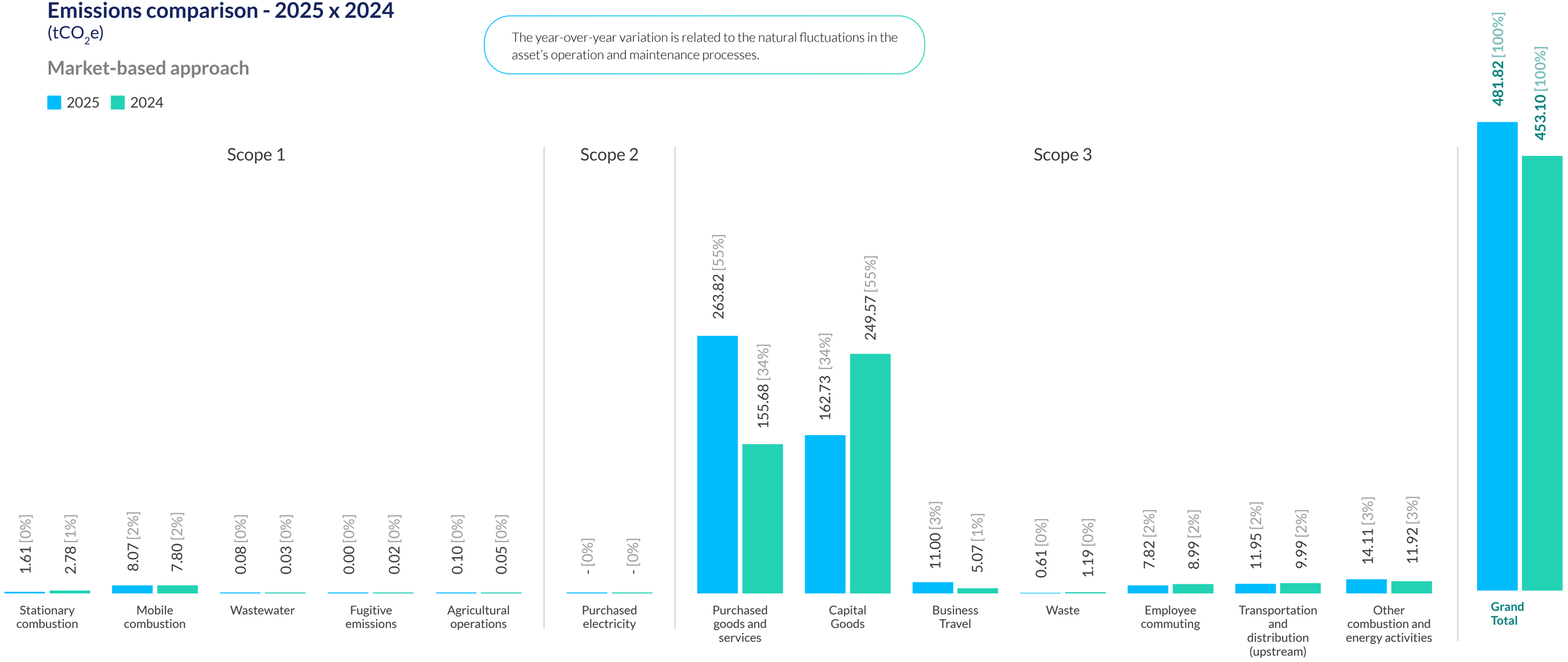
RERT – Rio Tocantins Regional

UHCB - Cana Brava Hydropower Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.

Market-based approach



RERT – Rio Tocantins Regional

UHCB - Cana Brava Hydropower Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

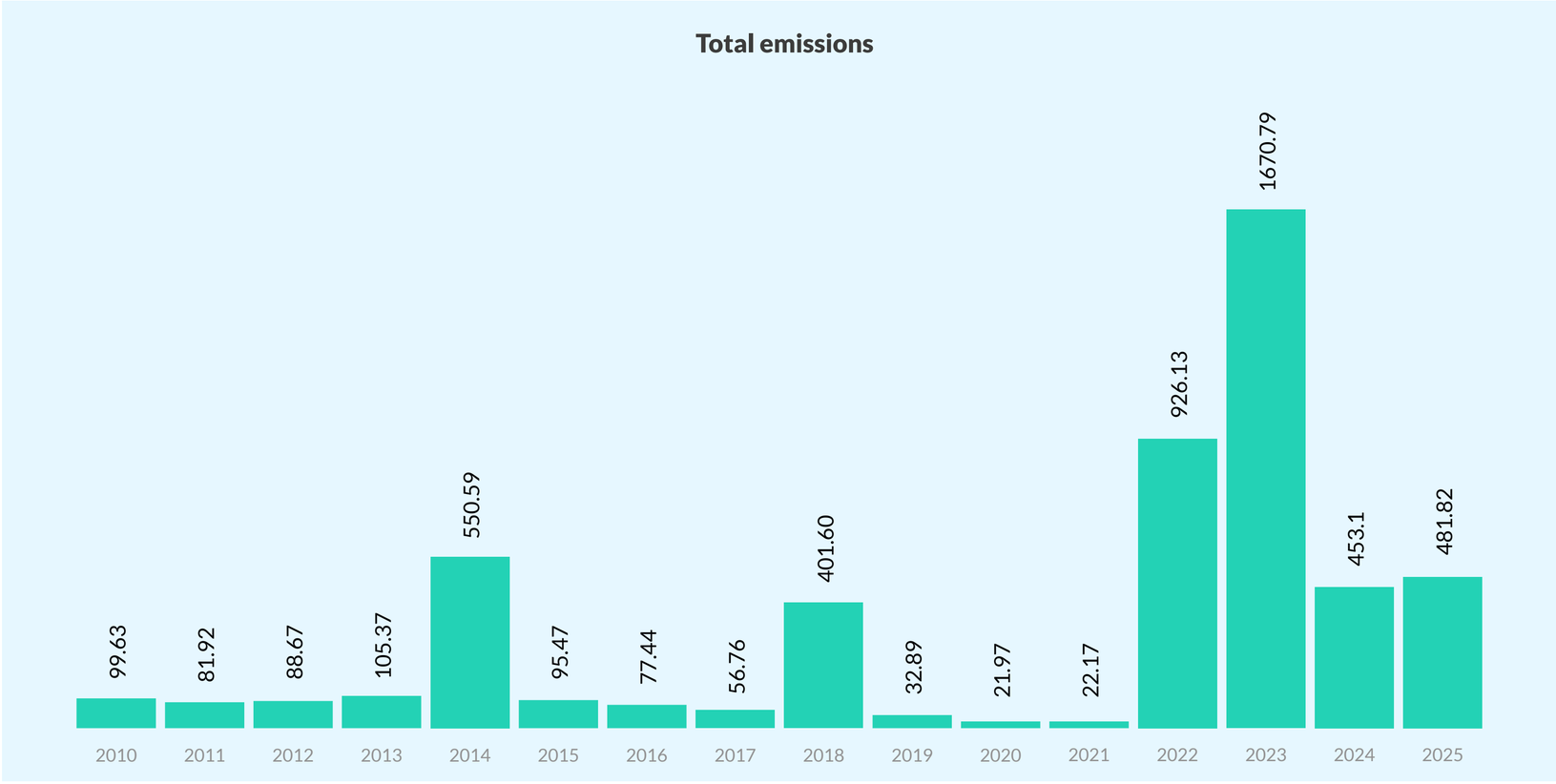
2021	3.55
2022	1.36
2023	5.97
2024	10.68
2025	9.78

Scope 2

2021	0.33
2022	11.23
2023	0
2024	0
2025	0

Scope 3

2021	18.29
2022	913.54
2023	1664.8
2024	442.42
2025	472.04



RERT – Rio Tocantins Regional

UHCB - Cana Brava Hydropower Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**21.40**	**3%**	**19.04**	**11%**	**2.36**	**12%**
Stationary combustion	0.24	0%	0.42	0%	-0.18	-43%
Mobile combustion	21.16	6%	18.62	10%	2.54	14%
Scope 3	**29.86**	**58%**	**159.37**	**89%**	**-129.51**	**-81%**
Business Travel	0.75	1%	0.37	0%	0.38	103%
Employee commuting	1.15	2%	1.30	1%	-0.15	-12%
Transportation and Distribution (upstream)	27.95	55%	157.70	88%	-129.75	82%
Grand Total	**51.26**	**100%**	**178.41**	**100%**	**127.15**	**248%**

Emissions Balance (tCO_2e)



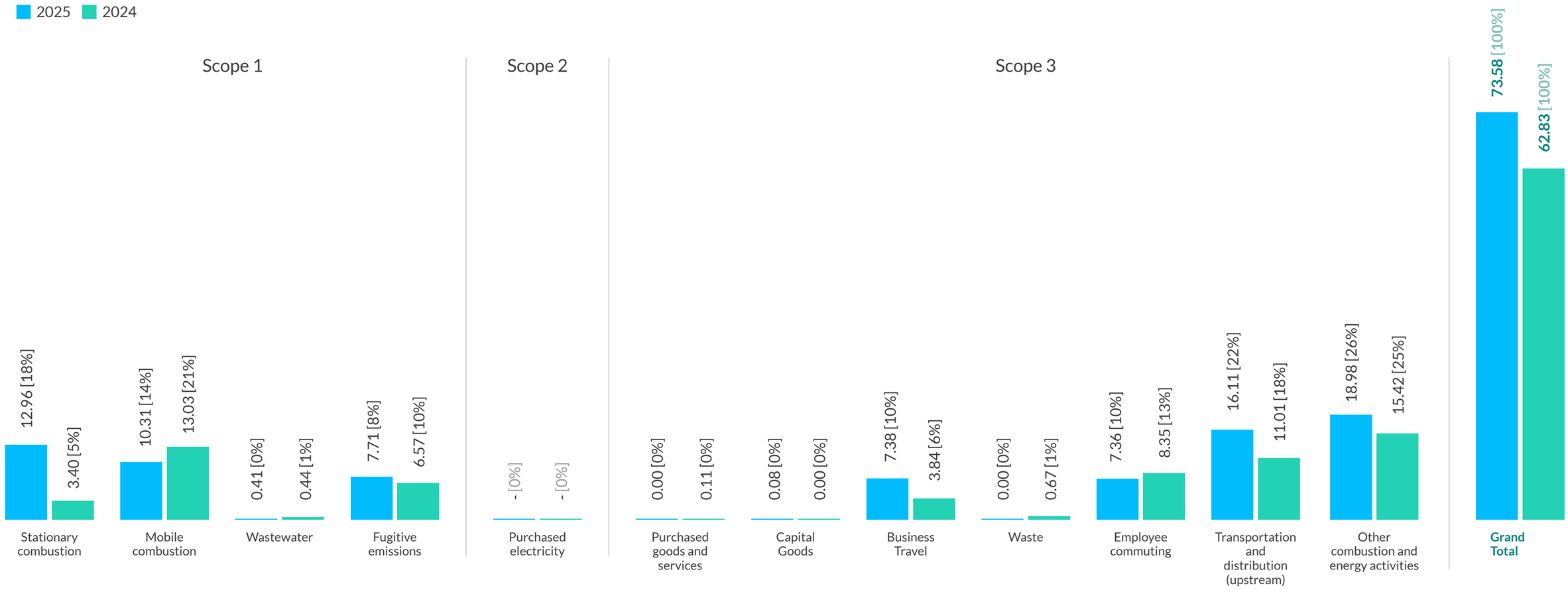
RERT – Rio Tocantins Regional

UHSA - São Salvador Hydropower Plant

Emissions comparison - 2025 x 2024
(tCO_2e)

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.

Market-based approach



RERT – Rio Tocantins Regional

UHSA - São Salvador Hydropower Plant

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

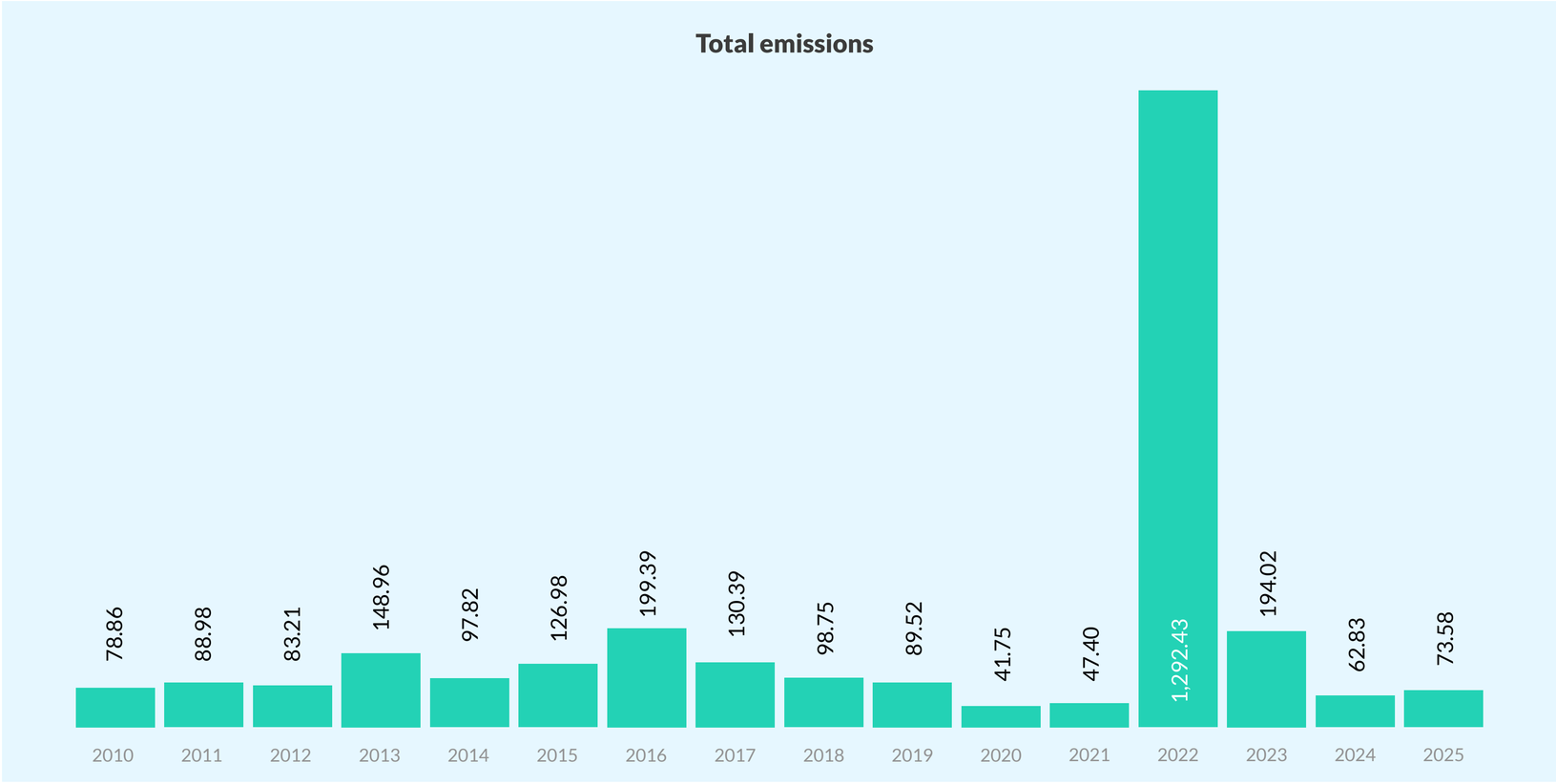
2021	12.6
2022	12.27
2023	58.13
2024	23.44
2025	23.67

Scope 2

2021	0.000004
2022	0.0004
2023	0
2024	0
2025	0

Scope 3

2021	34.8
2022	1,280.16
2023	135.89
2024	39.39
2025	49.91



RERT – Rio Tocantins Regional

UHSA - São Salvador Hydropower Plant

Biogenic emissions by source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**24.54**	**49%**	**24.20**	**43%**	**0.34**	**1%**
Stationary combustion	2.00	4%	0.52	1%	1.48	285%
Mobile combustion	22.54	45%	23.69	42%	-1.15	-5%
Scope 3	**25.84**	**51%**	**32.20**	**57%**	**-6.36**	**-20%**
Business Travel	0.53	1%	0.32	1%	0.21	66%
Employee commuting	1.10	2%	1.21	2%	-0.11	-9%
Transportation and Distribution (upstream)	24.21	48%	30.66	54%	-6.45	-21%
Grand Total	**50.39**	**100%**	**56.40**	**100%**	**-6.01**	**-11%**

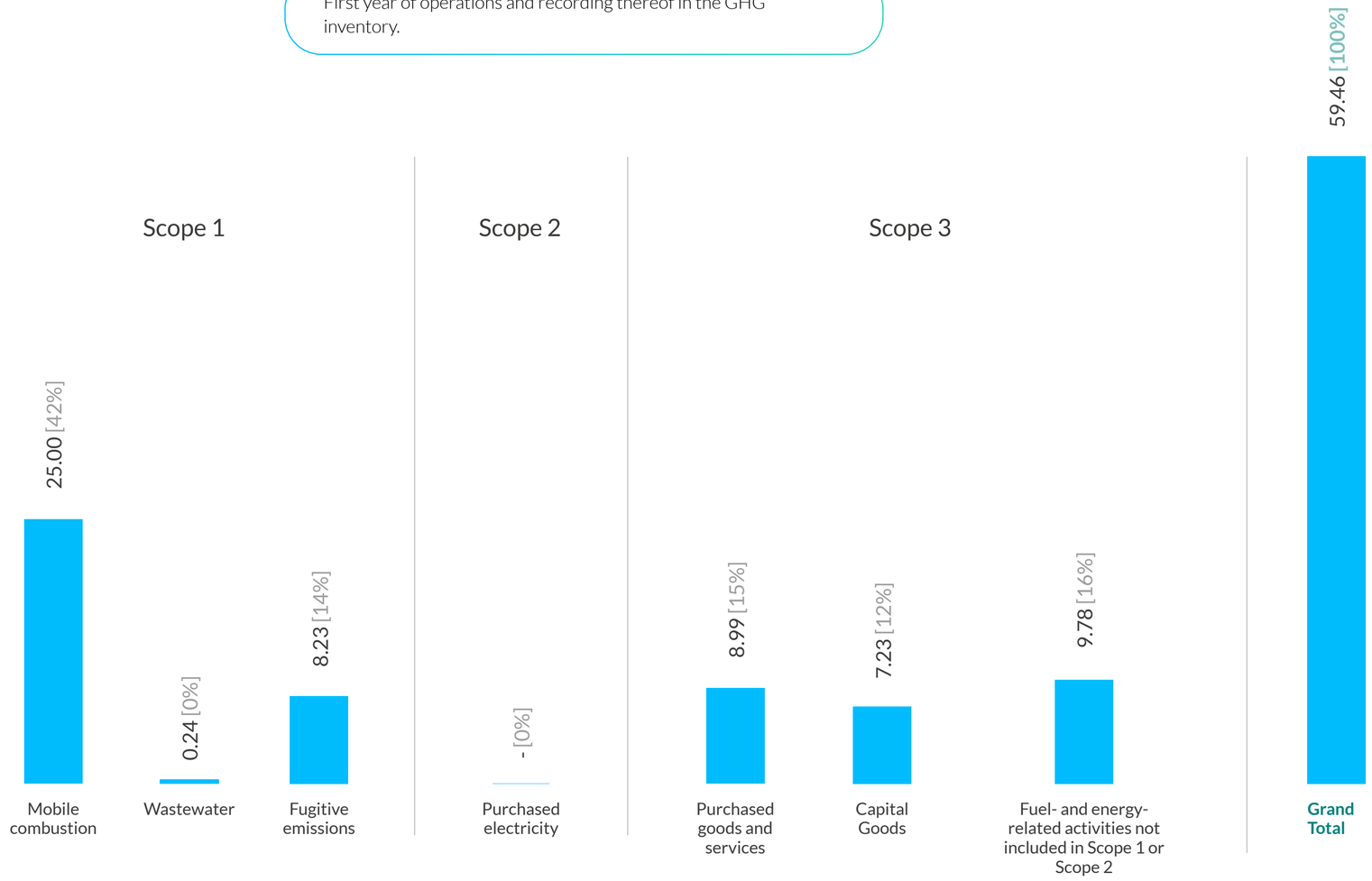
REAP – Amapá Regional

UHCC – Cachoeira Caldeirão Hydropower Plant

Emissions comparison – 2025
(tCO_2e)

Market-based approach

First year of operations and recording thereof in the GHG inventory.



REAP – Amapá Regional

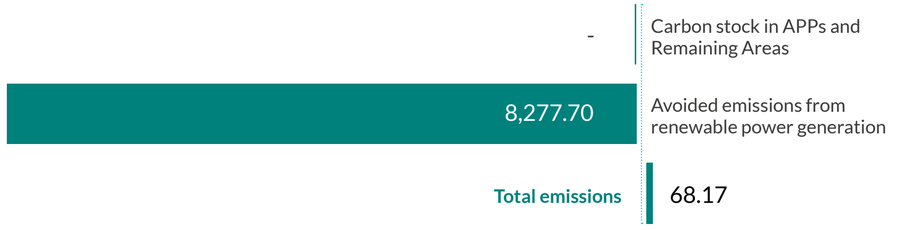
UHCC – Cachoeira Caldeirão Hydropower Plant

Biogenic emissions by Source in 2025
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions	
	tCO_2e	%
Scope 1		
Mobile combustion	4.10	100%
Grand Total	**4.10**	**100%**

Emissions Balance (tCO_2e)



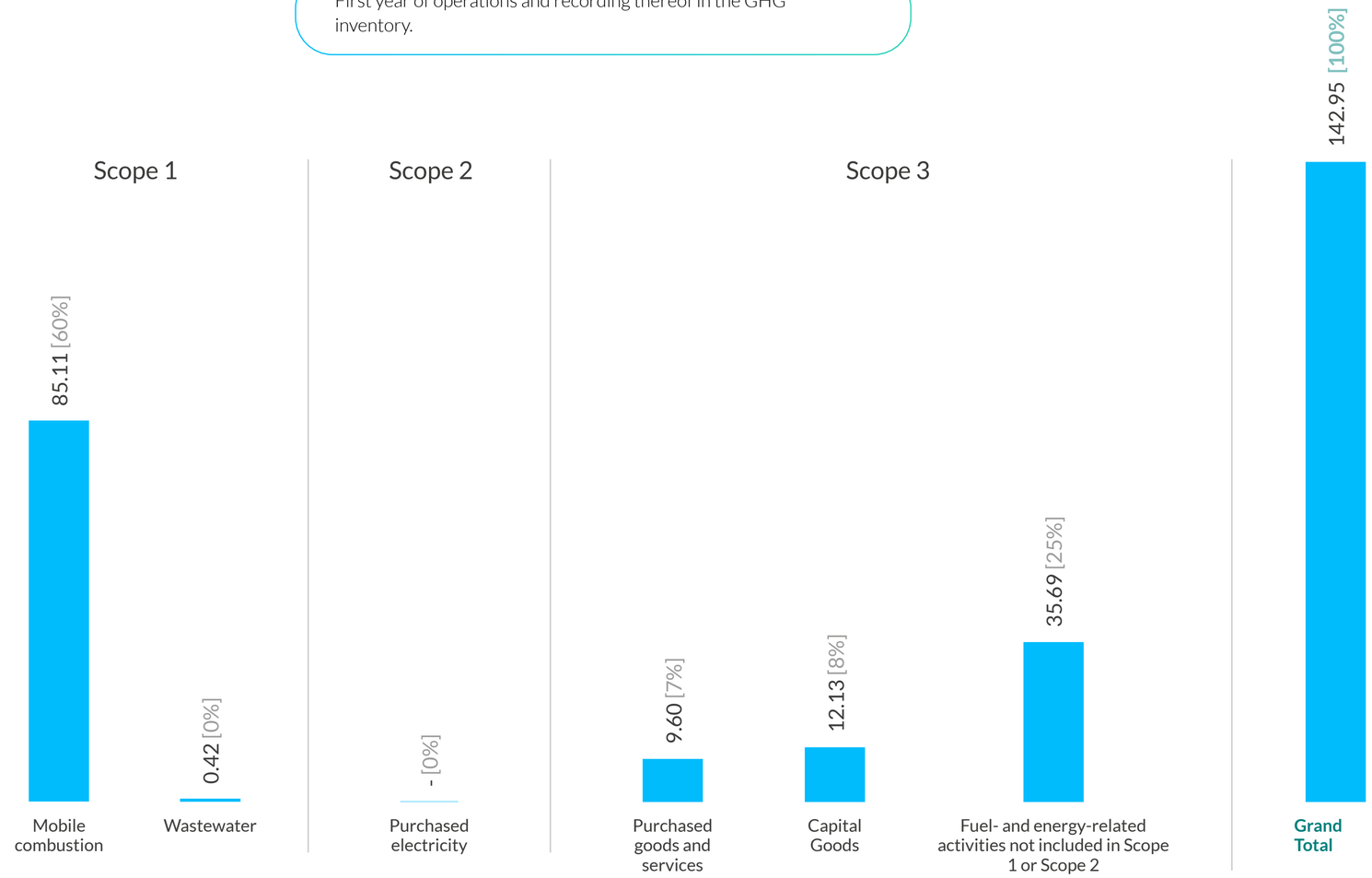
REAP – Amapá Regional

UHSJ - Santo Antônio do Jari Hydropower Plant

Emissions comparison - 2025
(tCO_2e)

Market-based approach

First year of operations and recording thereof in the GHG inventory.



REAP – Amapá Regional

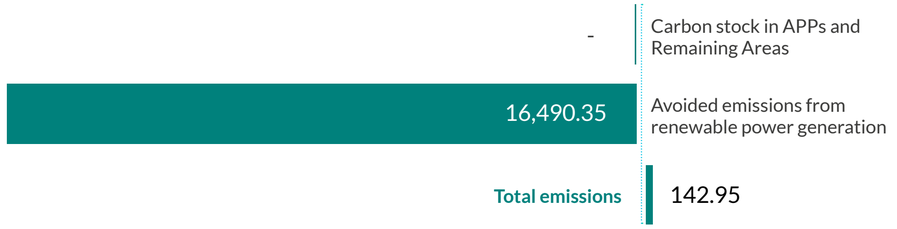
UHSJ - Santo Antônio do Jari Hydropower Plant

Biogenic emissions by Source in 2025
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions	
	tCO_2e	%
Scope 1		
Mobile combustion	22.96	100%
Grand Total	22.96	100%

Emissions Balance (tCO₂e)



Transmission

STGA
Gralha Azul
Transmission System

STNE
Novo Estado
Transmission System

STGR
Gavião Real
Transmission System

STGN
Graúna Transmission
System

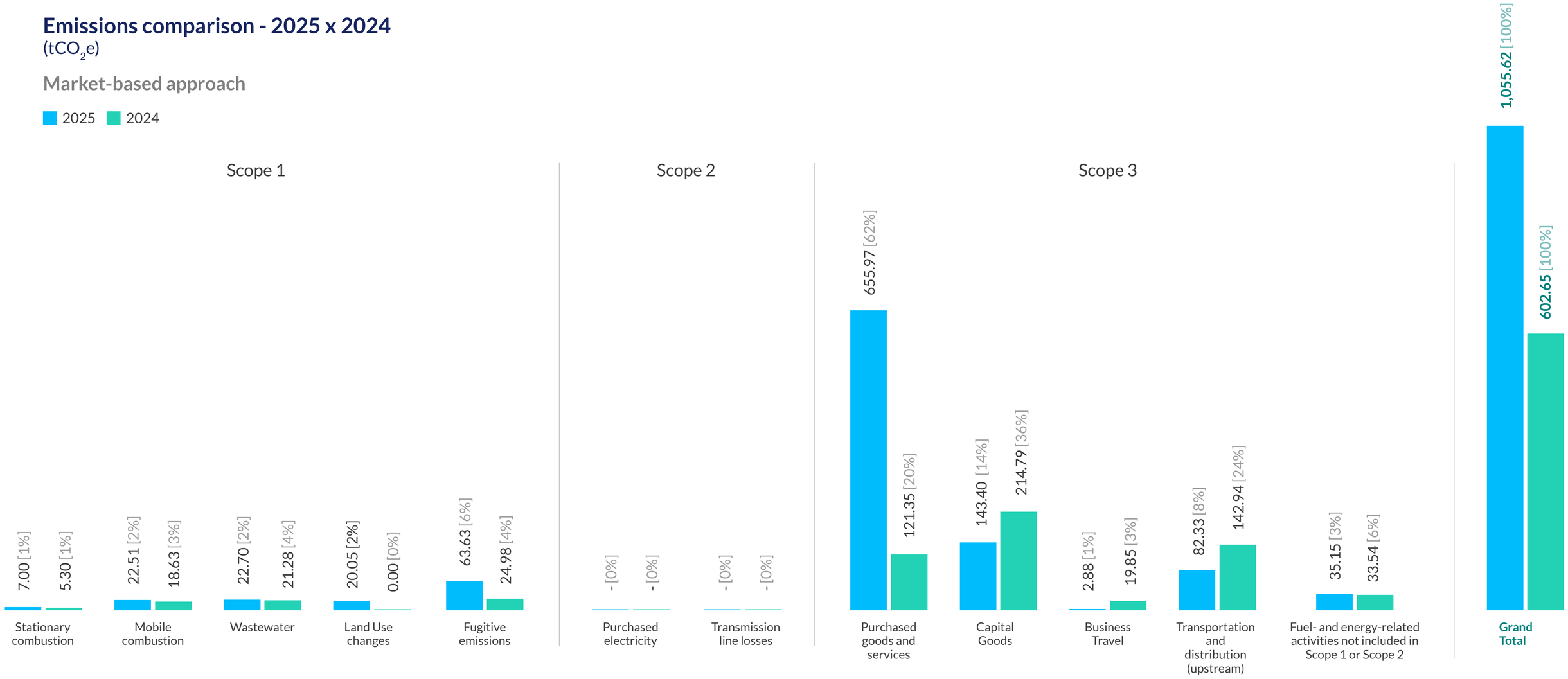
Results 3

STGA – Gralha Azul Transmission System

Emissions comparison - 2025 x 2024

(tCO_2e)

Market-based approach



STGA – Gralha Azul Transmission System

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

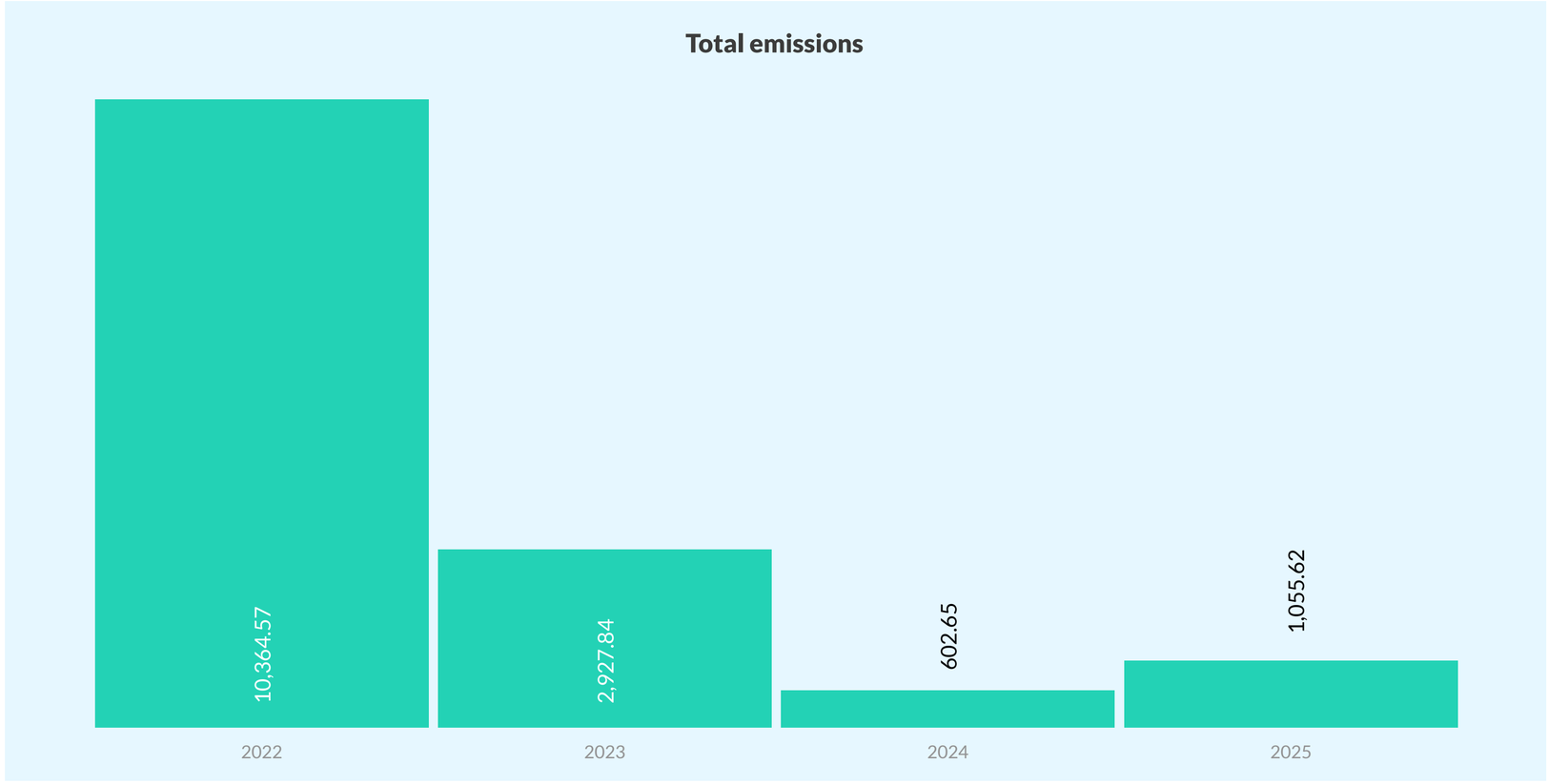
2022	29.25
2023	28.43
2024	70.18
2025	135.89

Scope 2

2022	4,899.46
2023	0
2024	0
2025	0

Scope 3

2022	5,435.86
2023	2,899.41
2024	532.47
2025	919.73



STGA – Gralha Azul Transmission System

Biogenic Emissions by Source 2025 x 2024
(tCO_2)

Market-based approach

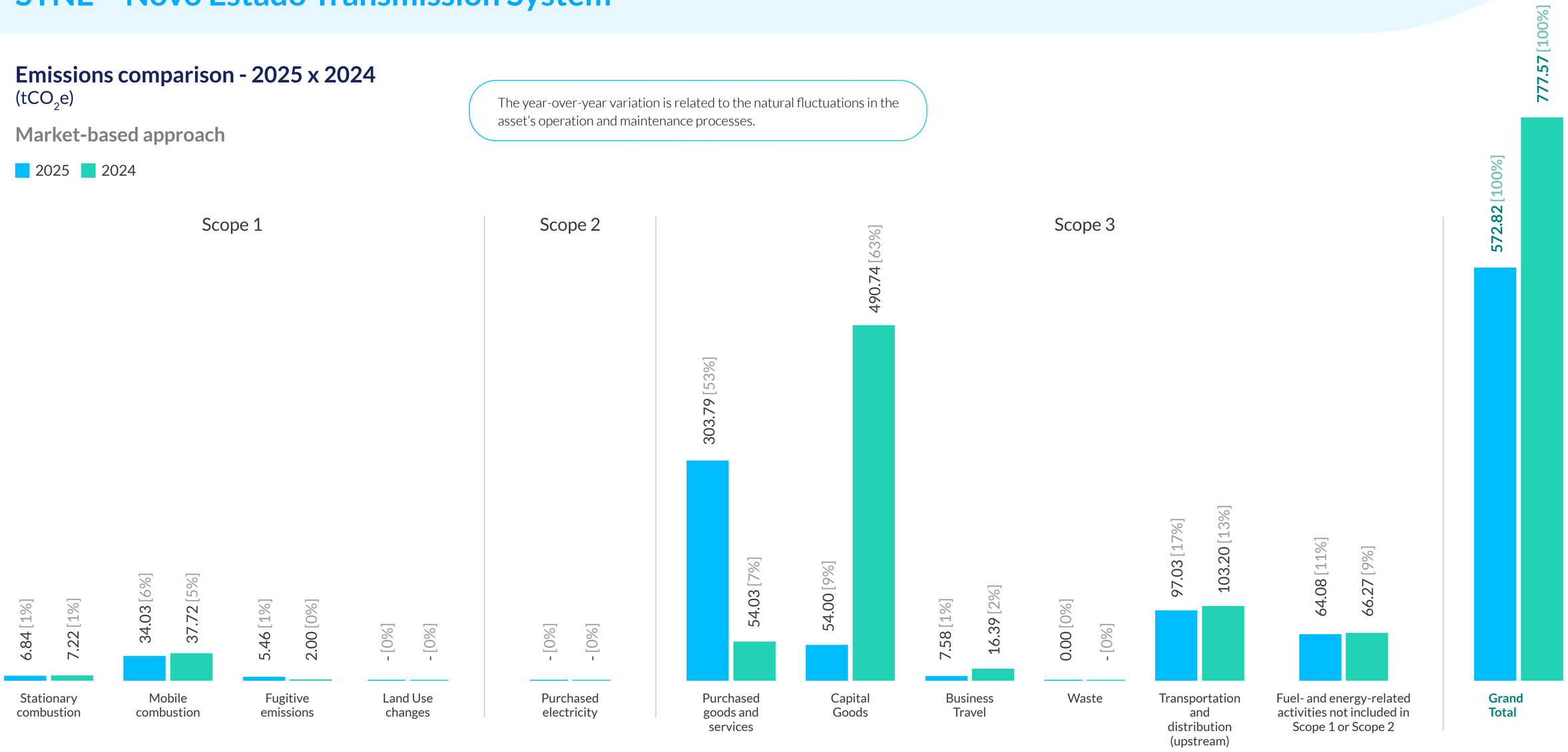
Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**14.35**	**37%**	**15.14**	**34%**	**-0.79**	**-5%**
Stationary combustion	1.06	3%	0.77	2%	0.29	38%
Mobile combustion	13.29	35%	14.37	32%	-1.08	-8%
Scope 3	**24.05**	**63%**	**29.80**	**66%**	**-5.75**	**-19%**
Business Travel	23.05	60%	0.34	1%	22.71	**6679%**
Transportation and Distribution (upstream)	1.00	3%	29.46	66%	-28.46	-97%
Grand Total	**38.40**	**100%**	**44.94**	**100%**	**-6.54**	**-15%**

STNE – Novo Estado Transmission System

Emissions comparison - 2025 x 2024
(tCO_2e)

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.

Market-based approach



STNE – Novo Estado Transmission System

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

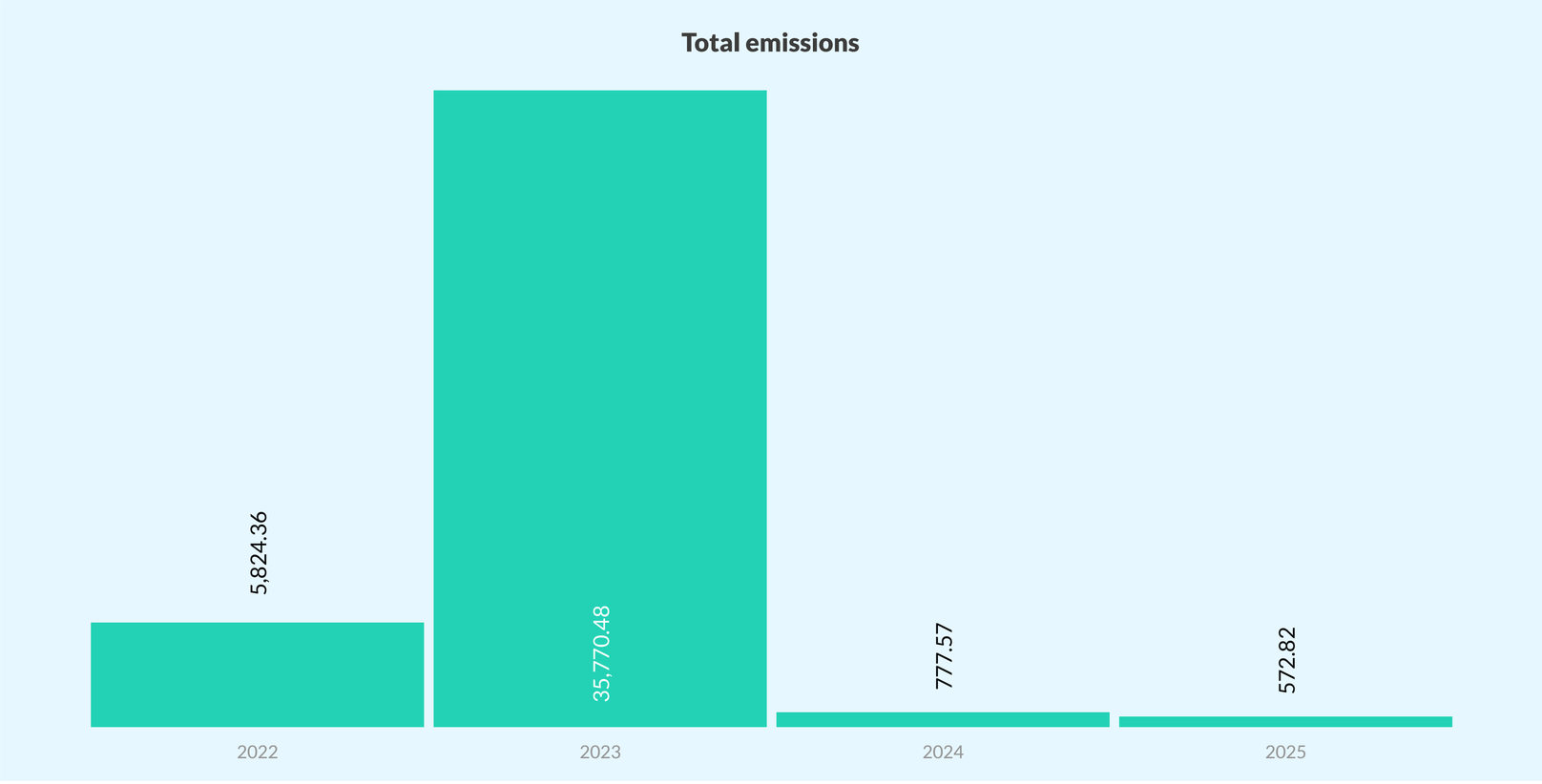
2022	226.76
2023	1,006.37
2024	46.93
2025	46.34

Scope 2

2022	1,564.27
2023	0
2024	0
2025	0

Scope 3

2022	4,033.33
2023	34,764.11
2024	730.64
2025	526.48



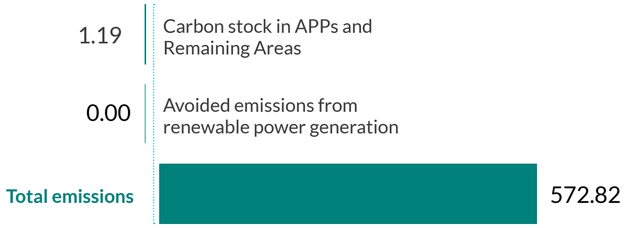
STNE – Novo Estado Transmission System

Biogenic Emissions by Source 2025 x 2024
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**13.95**	**44%**	**15.95**	**47%**	**-2.00**	**-13%**
Stationary combustion	1.43	5%	1.04	3%	0.39	38%
Mobile combustion	12.52	40%	14.91	44%	-2.39	-16%
Scope 3	**17.73**	**56%**	**17.87**	**53%**	**-0.14**	**-1%**
Business Travel	16.99	54%	0.49	1%	16.50	**3367%**
Transportation and Distribution (upstream)	0.74	2%	17.39	51%	-16.65	-96%
Grand Total	**31.69**	**100%**	**33.83**	**100%**	**-2.14**	**-6%**

Emissions Balance (tCO_2e)

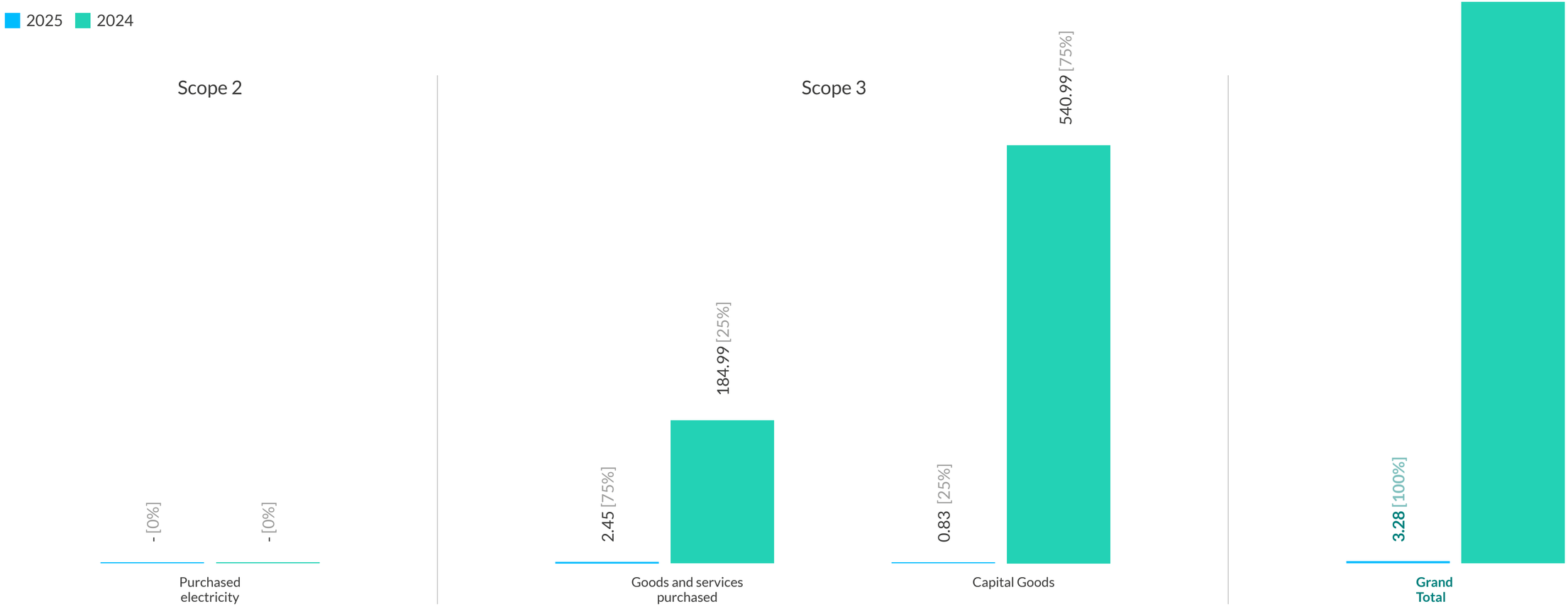


STGR - Gavião Real Transmission System

Emissions comparison - 2025 x 2024
(tCO_2e)

The year-over-year variation is related to the natural fluctuations in the asset's operation and maintenance processes.

Market-based approach



STGR - Gavião Real Transmission System

Emissions Trend (tCO_2e)

Market-based approach

Scope 1

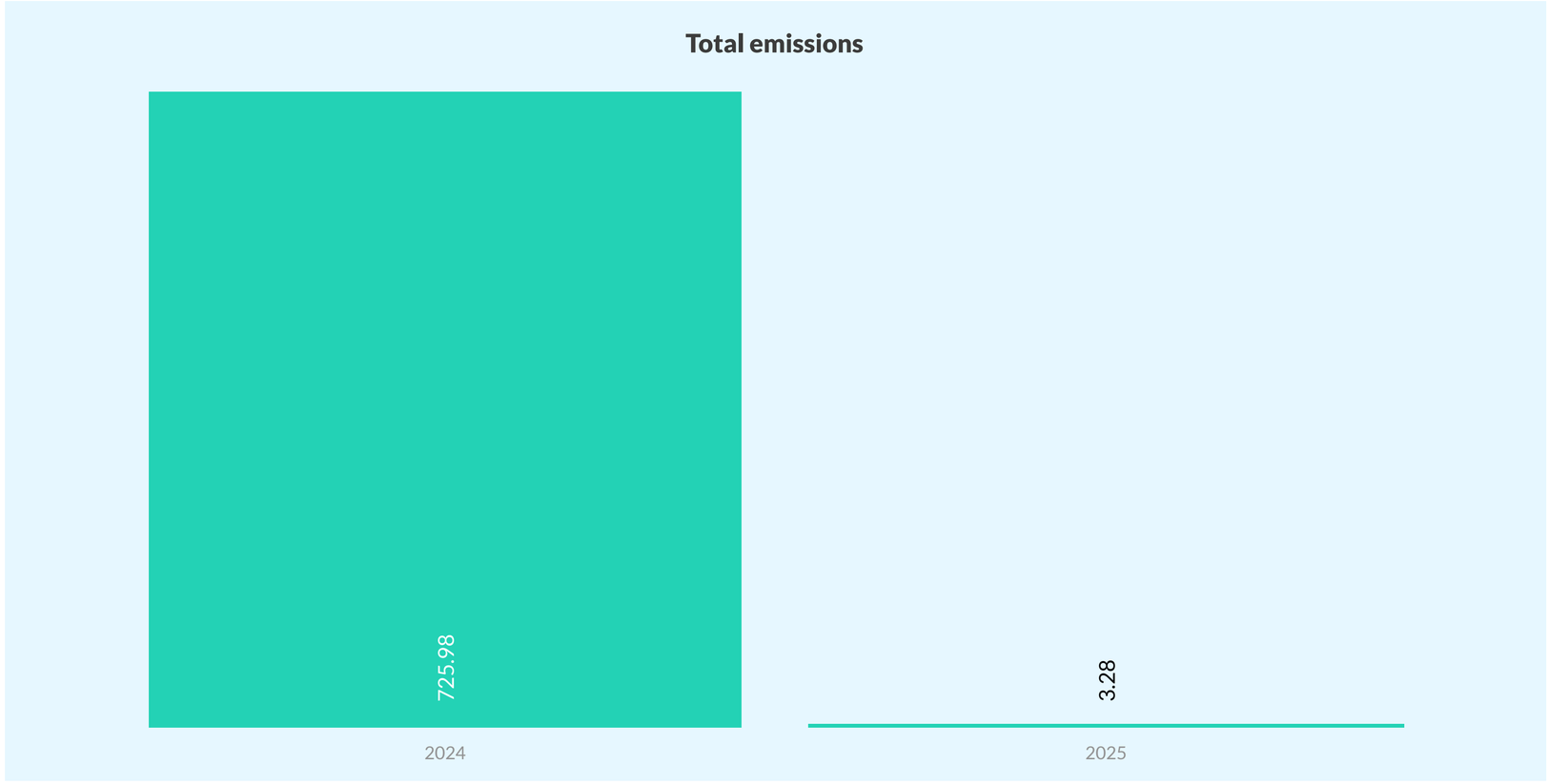
2024	0
2025	0

Scope 2

2024	0
2025	0

Scope 3

2024	725.98
2025	3.28



STGR - Gavião Real Transmission System

Biogenic Emissions by Source 2025 x 2024
(tCO_2)

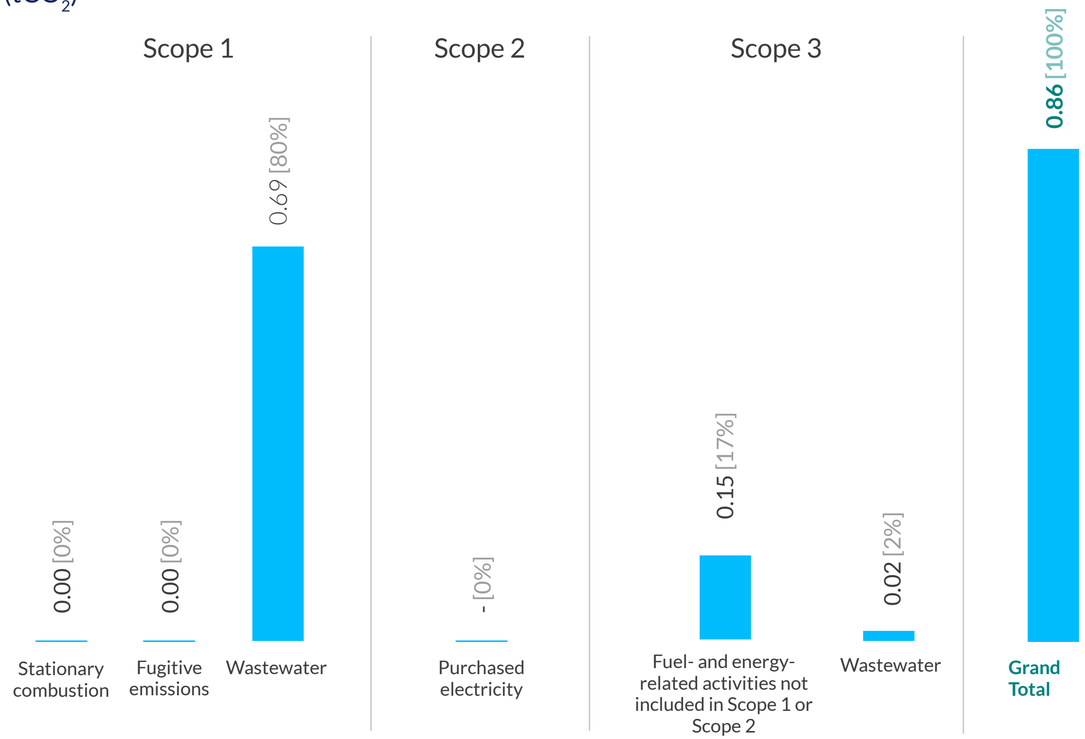
Market-based approach

Biogenic Emission Source	Total Emissions 2025		2024		Change 2025x2024	
	tCO_2e	%	tCO_2e	%	tCO_2e	%
Scope 1	**-**	**0%**	**-**	**0%**	**-**	**0%**
Stationary combustion	-	0%	-	0%	-	0%
Mobile combustion	-	0%	-	0%	-	0%
Scope 3	**-**	**0%**	**-**	**0%**	**-**	**0%**
Business Travel	-	0%	-	0%	-	**0%**
Purchased goods and services	-	0%	-	0%	-	0%
Transportation and Distribution (upstream)	-	0%	-	0%	-	0%
Grand Total	**-**	**0%**	**-**	**0%**	**-**	**0%**

STGN - Graúna Transmission System

First year of operations and recording thereof in the GHG inventory.

Emissions 2025
(tCO_2)



Biogenic Emissions by Source in 2025
(tCO_2)

Market-based approach

Biogenic Emission Source	Total Emissions 2025	
	tCO_2e	%
Scope 1	**-**	**0%**
Stationary combustion	-	0%
Mobile combustion	-	0%
Scope 3	**-**	**0%**
Business Travel	-	0%
Purchased goods and services	-	0%
Transportation and Distribution (upstream)	-	0%
Grand Total	**-**	**0%**

External assurance

In order to ensure the completeness and accuracy of the results achieved and this GHG emissions inventory's compliance with the previously established methodologies, ENGIE Brasil Energia hired Bureau Veritas to conduct an Independent Assurance.

Bureau Veritas conducted the assurance activities in accordance with the Assurance Specifications of the Brazilian GHG Protocol Program and ABNT NBR ISO 14064-1: 2022.

The independent assurance process took place in February and March 2026 and included document reviews, interviews and an on-site visit. At the end of the process, Bureau Veritas certified the results reported by ENGIE Brasil Energia with a reasonable level of assurance.

4

Credits

A publication by ENGIE Brasil Energia S.A.

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ENGIE Brasil Energia Environment and Climate Management

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Juntos Approach

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