

ENVIRONMENTAL SUPPLEMENTAL DATA

INTRODUCTION

The environmental data summary discloses the environmental performance of businesses under Ayala Land’s operations in support of our sustainability reporting suite. It should be read in conjunction with:

- **2025 Integrated Report** – Ayala Land’s Integrated Report prepared in accordance with the International Integrated Reporting framework using supplemental guidelines from the Global Reporting Initiative (GRI) Standards, Sustainability Accounting Standards Board (SASB), and Task Force on Climate-related Financial Disclosures (TCFD).
- **Sustainability and ESG Approach** – An overview of economic, environmental and social issues that are material to Ayala Land, sustainability strategy, and progress on key metrics and target.
- **Sustainability Reporting References** – Index tables relating to the 2025 Integrated Report and 2025 Sustainability Data Packs, aligned with the GRI Standards, SASB Standards and TCFD Recommendations

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BOUNDARY AND METHODOLOGY

The data summary encompasses environmental data from various businesses under Ayala Land's operational control for each calendar period. In line with the GHG (Greenhouse Gas) Protocol Corporate Accounting and Reporting Standard, Ayala Land has operational control of a property if it has the full authority to introduce and implement its operating policies for the property. The table below provides an explanation on the methodology of accounting the environmental data of each business unit.

Property	Energy Consumption	Emissions per scope
Malls and Offices	<i>Within the organization:</i> Electricity consumption from common areas and fuel consumption from generator sets and service vehicles. <i>Outside the organization:</i> Electricity and fuel consumption from leased areas.	<i>Scope 1:</i> Fuel consumption and refrigerants <i>Scope 2:</i> Electricity consumption from common areas <i>Scope 3:</i> Electricity and fuel consumption from leased areas
Hotels and Resorts	<i>Within the organization:</i> Electricity consumption from the property and fuel consumption from generator sets, kitchen area and service vehicles. <i>Outside the organization:</i> Electricity and fuel consumption from locators and long-term leases for hotels.	<i>Scope 1:</i> Fuel consumption and refrigerants <i>Scope 2:</i> Electricity consumption <i>Scope 3:</i> Electricity and fuel consumption from locators and long-term leases.
Residential Properties	<i>Outside the organization:</i> Electricity consumption from common areas of residential projects and excludes consumption within individual units	Scope 3 emissions reported under "Use of Sold Products" category starting 2022.
Construction Projects	<i>Within the organization:</i> Electricity consumption from construction sites and fuel consumption from construction stationary and mobile equipment.	<i>Scope 1:</i> Fuel consumption <i>Scope 2:</i> Electricity consumption
Estates and Carparks	<i>Within the organization:</i> Electricity consumption from the properties and fuel consumption of generator sets.	<i>Scope 1:</i> Fuel consumption <i>Scope 2:</i> Electricity consumption
District Cooling Systems	<i>Within the organization:</i> Fuel consumption and electricity consumption of the district cooling system	<i>Scope 1:</i> Fuel and refrigerant consumption <i>Scope 2:</i> Electricity consumption
Airline	<i>Within the organization:</i> Electricity consumption of airline operations and fuel consumption from airline fleets.	<i>Scope 1:</i> Fuel consumption <i>Scope 2:</i> Electricity consumption
Industrial Parks & Warehouses	<i>Within the organization:</i> Electricity consumption from common areas of industrial parks and warehouses under ALLHC. <i>Outside the organization:</i> Electricity consumption from leased areas of industrial parks and warehouses under ALLHC.	<i>Scope 1:</i> Fuel consumption <i>Scope 2:</i> Electricity consumption from common areas <i>Scope 3:</i> Electricity consumption from leased areas

Boundary of Environmental Data

No. of Buildings/Projects Covered	2020	2021	2022	2023	2024	2025
Commercial Properties						
Malls	45	45	46	47	47	46
Offices	50	50	49	49	48	50
Hotels	15	15	16	17	17	17
Resorts	10	10	10	8	7	7
District Cooling Systems ¹	12	12	12	12	12	12
Construction Projects ²	129	129	158	190	173	157
Residential ³	143	160	160	184	67	49
Estates and Carparks						
Estates	23	30	30	31	32	35
Mixed-Use Estates	23	30	30	31	23	25
Leisure Estates	-	-	-	-	2	2
Estate Amenities	-	-	-	-	7	8
Carparks	27	24	24	24	23	4
Airline & Airport	4	4	4	4	4	3
Industrial Parks & Warehouses						
Industrial Parks	3	3	3	3	3	3
Warehouses & Cold Storage	-	-	-	9	11	16
TOTAL	461	482	512	578	444	399

ENERGY

This section details energy consumption across Ayala Land's businesses which are sources of greenhouse gas (GHG) emissions under Scope 1, 2 and 3.

Total Energy Consumption⁴

in MWh	2020	2021	2022	2023	2024	2025
Within the Organization⁵						
Commercial Properties ⁶	274,038	240,788	417,142	356,420	361,468	289,077
District Cooling Systems ⁷	61,444	47,012	143	62,322	105,451	94,675
Construction	63,876	107,493	124,383	156,470	95,869	15,049
Estates and Carparks	12,280	14,071	5,855	8,249	19,256	6,826
Airports	23,448	27,699	56,876	75,259	70,291	29
Industrial Parks ⁸	551	817	1,079	1,149	2,228	7,001
Outside the Organization⁹						
Commercial Properties ¹⁰	378,308	371,637	526,311	461,178	591,105	491,450
Estates and Carparks	-	-	-	2,866	3,960	4,381
Residential Properties	75,683	155,328	100,812	222,163	21,475	8,908
Industrial Parks	840	5,278	7,536	9,509	6,619	10,488
Total	890,468	984,193	1,240,137	1,355,585	1,277,723	927,874

¹ Some are classified under the mall/office where they are located

² Construction projects include precast plants, landscaping nurseries and equipment yards of MDC.

³ Residential Properties which have been fully conveyed to the homeowner's association or condominium corporation are removed as these are no longer under Ayala Land's operational control.

⁴ Total energy consumption from electricity and fuel use, including both renewable and non-renewable sources. Operations of AirSWIFT and ALLHC's industrial parks added starting 2019 and 2020, respectively.

⁵ Consumption within the organization comprises consumption within areas where Ayala Land has operational control.

⁶ Includes Malls, Offices, Hotels, and Resorts.

⁷ From 2020 to 2022 electricity consumption of district cooling systems was reported under commercial properties (malls, offices, hotels) where it is located. Consumption of non-Ayala Land properties has been declared under Scope 3 or outside the organization. The share of electricity consumption has been estimated based on BTU consumption. 2023 and 2024 electricity consumption is separated for the district cooling system, where possible.

⁸ Electricity consumption from ALLHC's industrial parks was added starting in 2020. Fuel consumption was added starting 2021.

⁹ Consumption outside the organization comprises consumption within (1) leased areas for commercial properties and industrial parks, and (2) residential properties that have not been turned over. No data is available for consumption within non-Ayala Land properties located in our estates.

¹⁰ 2024 consumption outside the organization for commercial properties outside include LPG consumption of malls merchants.

Total Renewable Energy Consumption¹¹

in MWh	2020	2021	2022	2023	2024	2025
Within the Organization	189,032	198,482	321,973	334,746	378,399	366,337
Outside the Organization ¹²	252,329	279,948	350,510	415,525	416,934	507,850
Total	441,362	478,430	672,483	750,271	795,333	874,187

Energy Mix - Within the Organization

in MWh	2020	2021	2022	2023	2024	2025
Electricity (Renewable)	189,032	198,482	321,973	334,746	378,399	366,337
Electricity (Non-Renewable)	159,877	115,450	94,477	78,909	82,370	42,233
Total	348,909	313,932	416,450	413,655	460,769	408,570¹³
Percentage from Renewable Sources	54%	63%	77%	81%	82%	90%

Electricity

We collect electricity consumption data monthly from both renewable and non-renewable sources. For properties and projects with unavailable data, consumption was estimated based on the previous months or year's data.

Electricity Consumption Within the Organization

in MWh	2020	2021	2022	2023	2024	2025
Commercial Properties	244,231	208,031	373,638	310,188	316,536	288,896
Malls	103,069	106,535	181,465	157,835	166,655	151,134
Offices	103,164	74,473	151,915	93,073	83,372	79,255
Hotels ¹⁴	37,998	27,024	40,258	54,392	61,715	54,951
Resorts ¹⁵			29	4,888	4,794	3,555
District Cooling System ¹⁶	61,189	46,565		62,191	104,989	94,675
Construction	30,298	45,780	36,051	33,263	24,165	15,027
Estates and Carparks ¹⁷						
Estates	10,055	10,326	4,801	5,732	12,069	6,334
Carparks	2,193	2,445	890	1,140	1,560	540
Airports	393	63	86	146	150	150
Industrial Parks	551	722	955	996	1,300	7,001
Total	348,909	313,932	416,450	413,655	460,769	412,874¹³

Electricity Consumption Outside the Organization

in MWh	2020	2021	2022	2023	2024	2025
Commercial Properties (Leased Areas)	338,727	340,754	387,937	431,772	459,588	491,449
Malls	213,085	227,489	257,306	288,843	298,362	330,014
Offices	123,966	106,935	125,735	137,169	161,226	161,435
Hotels	1,676	6,331	4,896	4,704		
Resorts				1,056		
Estates and Carparks				2,866	3,960	4,381
Residential Properties ¹⁸	70,369	152,708	98,905	222,163	19,430	8,908
Industrial Parks (Leased Areas)	840	5,278	7,536	6,012	6,619	10,488
Total	409,937	498,740	494,378	662,813	489,598	515,227

¹¹ Commercial buildings – malls, offices and hotels – that are contestable (defined as meeting the minimum 500 kW demand per month) are able to purchase electricity from renewable sources through our retail electricity suppliers that secure power purchase agreements with renewable energy providers. Renewable energy sources include geothermal, wind and solar.

¹² By securing power purchase agreements for malls and offices, our merchants and tenants are also able to consume renewable energy in their leased areas.

¹³ Corrected figures to those disclosed in the 2025 Integrated Report.

¹⁴ Starting 2018, hotel consumption has been broken down between short-term occupants classified under electricity within the organization vs long-term leases and other connected properties classified under electricity outside the organization.

¹⁵ Starting 2022, some resort facilities have been sourcing energy through solar panels.

¹⁶ Starting 2020, electricity consumption of district cooling systems has been reallocated under ALI-connected commercial properties (malls, offices, hotels). 2020 and 2021 values restated.

¹⁷ For properties and projects with incomplete data, consumption was estimated based on previous month's data.

¹⁸ Includes only the consumption within common areas. No data available for consumption of unit owners.

Whole Building Electricity Intensity – Commercial Properties¹⁹

	Unit	2020	2021	2022	2023	2024	2025
Malls	kWh/occupied GFA	128.54	152.43	170.23	179.74	174.27	177.12
Offices	kWh/occupied GFA	145.59	139.70	144.50	154.41	156.68	173.39
Hotels	kWh/occupied GFA	220.17	179.90	230.89	266.77	267.27	240.76

Common Area Electricity Intensity – Commercial Properties²⁰

	Unit	2020	2021	2022	2023	2024	2025
Malls	kWh/occupied GFA	94.10	106.57	130.59	142.77	141.94	119.61
Offices	kWh/occupied GFA	182.84	179.34	207.45	203.96	170.46	217.57

Tenant/Merchant Area Electricity Intensity – Commercial Properties²¹

	Unit	2020	2021	2022	2023	2024	2025
Malls	kWh/occupied GFA	162.99	196.72	190.44	200.26	192.53	227.15
Offices	kWh/occupied GFA	128.52	121.06	125.12	132.40	150.13	158.37

Fuel

This section reports fuel consumption across our businesses. Fuel is consumed for the company's generator sets, service vehicles, kitchen activities, and airline fleets.

Total Fuel Consumption Within the Organization

in MWh	2020	2021	2022	2023	2024	2025
Stationary						
Diesel	37,233	44,695	68,078	61,238	52,039	54,775
LPG	2,128	2,310	4,878	4,010	7,687	129,682
Unleaded	22	11	-	65	28	
Gasoline	71	28	-		1,340	1,076
Mobile						
Diesel	23,283	48,547	58,832	105,070	61,000	21,782
Unleaded	1,044	1,544	2,022	2,462	3,357	723
Gasoline	49	110	33	344		2,808
Jet Fuel	22,897	26,703	55,184	73,025	68,344	
Total	86,728	123,947	189,027	246,213	193,794	210,846

Fuel Consumption Within the Organization

	2020	2021	2022	2023	2024	2025
Commercial Properties						
Malls	5,303	7,752	4,819	4,739	11,931	125,233
Offices	5,268	7,259	3,393	4,192	4,445	3,539
Hotels	5,379	2,650	10,389	12,703	6,885	18,470
Resorts	13,856	15,095	24,874	24,598	21,670	33,750
District Cooling System	256	448	143	130	462	
Construction	33,578	61,713	88,331	123,208	71,705	21,434
Estates and Carparks²²						
Estates	19	847	113	1,360	5,546	4,935
Carparks	14	453	51	17	80	13
Airlines	23,055	27,635	56,790	75,114	70,142	1,974
Industrial Parks ²³		96	124	153	928	412
Residential						1,035
Total	86,728	123,947	189,027	246,213	193,794	210,846

¹⁹ To consider significant changes in occupancy rate due to the pandemic, intensity has been measured as kWh consumption per sq. meter of occupied floor area. 2019 and 2020 intensities restated.

²⁰ To consider significant changes in occupancy rate due to the pandemic, intensity has been measured as kWh consumption per sq. meter of occupied common area. 2019 and 2020 intensities restated.

²¹ To consider significant changes in occupancy rate due to the pandemic, intensity has been measured as kWh consumption per sq. meter of occupied leasable area. 2019 and 2020 intensities restated.

²² For properties and projects with incomplete data, consumption was estimated based on previous month's data.

²³ Starting 2021, fuel consumption of industrial parks & warehouses has been included.

Total Fuel Consumption (Outside the Organization)

in MWh	2020	2021	2022	2023	2024	2025
Stationary						
Diesel	6,586	3,170	2,081	3,003	487	154
LPG	38,310	29,929	138,179	29,354	131,517	
Unleaded		15		92	139	
Gasoline				2	404	
Mobile						
Diesel		289	22	171	453	425
Unleaded		100		31	553	
Gasoline				249	8	46
Total	44,895	33,503	140,282	32,902	133,562	624

Fuel Consumption Outside the Organization²⁴

Fuel Consumption Outside the Org	2020	2021	2022	2023	2024	2025
Commercial Properties						
Malls	38,310	29,929	138,179	29,354	131,259	576
Offices				51	258	47
Hotels			1,907			
Resorts ²⁵	1,272	953	196			
Estates and Carports						1
Residential Properties	5,314	2,620		3,497	2,045	
Industrial Parks						
Total	44,895	33,503	140,282	32,902	133,562	624

²⁴ No data available for tenants of industrial parks.

²⁵ Starting 2020, fuel consumption of resort locators has been included.

EMISSIONS

Emissions declared are market-based and are computed using the control approach of the GHG Protocol Corporate Accounting and Reporting Standard. For Scope 1 emissions, reference for the GWPs (global warming potential) is the 2014 IPCC 5th Assessment Report, with gases including carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O). Emission factors used come from the Philippine Department of Energy.

For properties that shifted to purchasing electricity from renewable energy power plants which are accompanied by iRECs (International REC Standard) certification, Scope 2 and 3 emissions are considered zero from the date of shifting.

Total Emissions

in t-CO ₂ e	2020	2021	2022	2023	2024	2025
Scope 1	41,940	61,236	46,716	61,903	57,374	51,532
Scope 2	133,299	73,316	73,464	49,732	53,815	5,182
Scope 3 ²⁶	96,479	47,848	68,051	19,392	46,957	24,246
Total	271,717	182,400	188,231	131,026	158,146	80,960

Scope 1 Emissions

in t-CO ₂ e	2020	2021	2022	2023	2024	2025
Commercial Properties						
Malls	1,352	6,978	1,223	1,900	3,469	29,175
Offices	1,343	1,849	855	1,036	1,093	913
Hotels	1,346	462	2,608	3,156	4,098	5,016
Resorts	3,517	3,867	6,294	6,299	5,934	9,402
District Cooling System ²⁷	20,423	25,495	49	33	118	260
Construction Projects	8,520	15,650	21,838	31,229	18,586	5,433
Estates	5	223	22	352	1,473	1,274
Carparks	4	116	13	4	21	3
Airline	5,431	6,572	13,783	17,854	16,674	
Industrial Parks and Warehouses ²⁸	-	24	31	39	5,910	55
Total	41,940	61,236	46,716	61,903	57,374	51,532

Scope 2 Emissions

in t-CO ₂ e	2020	2021	2022	2023	2024	2025
Commercial Properties						
Malls	39,618	7,645	6,122	4,010	7,128	515
Offices	44,181	13,074	24,268	7,444	3,692	325
Hotels	16,160	9,889	10,036	742	6,529	
Resorts	-	-	-	2,922	2,867	
District Cooling System ²⁹	7,262	7,007	-	9,994	10,525	4,343
Construction Projects	18,190	27,372	28,109	20,136	14,428	
Estates	6,012	6,397	3,743	3,432	7,271	
Carparks	1,311	1,462	694	616	508	
Airline	235	38	67	87	89	
Industrial Parks and Warehouses	329	431	425	348	778	
Total	133,299	73,316	73,464	49,732	53,815	5,182

²⁶ Includes emissions from downstream leased assets only. Other emission categories will be reported in 2023 report.

²⁷ Per the property managers, consumption for other DCS were integrated in the ALI-connected commercial properties during the data reporting.

²⁸ Emissions from fuel consumption reported starting 2021

²⁹ Electricity Consumption of DCS and hence its emission is reallocated to the malls or offices.

Scope 3 Emissions³⁰

in t-CO ₂ e	2020	2021	2022	2023	2024	2025
Downstream Leased Assets						
Malls	50,455	24,537	47,359	9,811	14,599	8,410
Offices	43,797	19,717	20,018	6,407	19,540	6,792
Hotels	1,284	195	-	-	-	-
Resorts ³¹	440	243	50	631	-	-
District Cooling System						7,804
Estates and Car Parks				1,714	1,464	723
Industrial Parks and Warehouses	502	3,156	624	829	1,836	300
Residential Projects					9,517	217
Total	96,479	47,848	68,051	19,392	46,957	24,246

WATER

This section details water consumption across Ayala Land's businesses.

Water Withdrawal Within the Organization³²

in cum	2020	2021	2022	2023	2024	2025
Commercial Properties ³³	5,467,492	5,107,142	6,691,224	8,046,042	6,268,810	4,921,575
Malls	3,932,443	3,692,426	5,175,366	5,937,133	3,907,685	2,714,208
Offices	1,180,002	1,088,351	1,005,067	1,420,285	1,683,724	1,585,729
Hotels	318,544	272,505	393,332	605,619	594,565	543,997
Resorts	36,503	53,859	117,459	83,005	82,836	77,642
District Cooling System	440,598	408,938	417,468	416,511	453,428	601,673
Construction Projects	1,328,528	1,698,557	1,424,409	1,628,230	837,018	324,641
Estates and Car parks ³⁴	763,824	442,620	437,377	457,797	576,406	243,556
Estates	698,271	390,173	384,930	407,954	545,347	233,905
Car parks	65,552	52,447	52,447	49,843	31,059	9,651
Industrial Parks	32,928	1,101	6,923	37,219	48,293	95,634
Airport	2,335	1,535	2,549	6,775	4,485	8,928
Total	8,035,705	7,659,894	8,979,950	10,592,574	8,188,439	6,196,008

Water Withdrawal Outside the Organization³⁵

in cum	2020	2021	2022	2023	2024	2025
Commercial Properties	794,957.93	554,320.59	842,183.00	864,892.63	4,513,383.2	3,870,638.32
Malls			117,147	115,702	3,565,291	3,084,356.16
Offices	784,761	536,785	710,219	730,095	948,092	785,821.49
Hotels	-	7,926	-	-	-	-
Resorts	10,197	9,609	14,817	19,096	-	-
Estates and Car parks	-	-	5,243	17,240	68,667	51,047.42
Residential Properties ³⁶	3,571,176	5,028,602	5,028,602	6,696,242	936,239	410,041.57
Industrial Parks	26,416	41,387	112,969	95,715	135,937	85,158.85
Total	4,392,550	5,624,310	5,988,997	7,674,089	5,654,226	4,416,886

³⁰ Covers only downstream leased assets. Other scope 3 categories to be reported in 2023.

³¹ Starting 2020, emissions from energy consumption of resort and industrial parks and warehouse locators have been included.

³² Water withdrawn within the organization comprises water withdrawn within areas where ALI has operational control.

³³ Starting 2020, offices and resorts' water consumption has been broken down between consumption in common areas (within the organization) vs leased areas (outside the organization). Disaggregation for hotels and malls done in 2021 and 2022, respectively.

³⁴ For properties and projects with unavailable data, consumption was estimated based on previous year's data.

³⁵ Water withdrawn outside the organization comprises water withdrawn within (1) leased areas for commercial properties and industrial parks and (2) residential properties that have not been turned over. Merchants and tenants submitted water withdrawal for leased areas, which resulted in a notable increase.

³⁶ Residential properties which have been fully conveyed to the condominium corporation or home owners' association are no longer under operational control of Ayala Land. Starting 2024, only water withdrawn within common areas of residential properties is declared.

Whole Building Water Intensity³⁷

	Unit	2020	2021	2022	2023	2024	2025
Malls	cum/occ GFA	1.59	1.64	2.27	2.51	2.80	2.13
Offices	cum/occ GFA	1.48	1.26	1.33	1.44	1.69	1.73
Hotels	cum/occ GFA	2.03	1.51	2.12	2.51	2.57	2.39

MATERIALS

This section details materials – cement and rebars – consumed by our construction operations.

Total Materials Consumption

	2020	2021	2022	2023	2024	2025
Cement	169,612	173,327	191,400	201,374	164,533	115,739
Steel and Rebar	89,042	82,025	61,791	62,184	54,415	40,502

WASTE

This section details solid and hazardous waste generated from our properties and projects as reported by our haulers. Waste generation includes operational waste and construction waste.

Total Waste Generation

in metric tonnes ³⁸	2020	2021	2022	2023	2024	2025
Total Waste Generation	25,486	21,588	26,240	38,919	40,915	35,556
Sent to Landfill	19,798	16,480	21,037	32,469	22,626	17,818
Residual ³⁹	10,186	9,777	12,248	18,267	14,735	10,459
Food	3,355	4,865	6,578	10,037	6,901	7,354
Compostable ⁴⁰	6,257	1,838	2,211	4,165	990	5
Diverted from Landfill	5,688	5,078	5,203	6,450	18,289	17,738
Sent to Recyclers ⁴¹	5,641	5,022	4,905	5,286	12,330	13,516
Plastics collected through ecohubs ⁴²	46	56	106	383	107	554
Plastics processed for ALI projects	46	56	106	383	35	22
Plastics processed for non-ALI projects	1	-	-	-	72	532
Composting Activities (Yard Waste & Food Waste)	1	-	192	565	5,289	3,669
Yard waste for Waste to Energy ⁴³				216	563	

³⁷ To consider significant changes in occupancy rate due to the pandemic, intensity is measured as cubic meter consumption per s.q. meter of occupied floor area.

³⁸ Total waste generated across all businesses.

³⁹ All other solid waste that are non-food and non-compostable.

⁴⁰ Includes landscape waste such as leaves, shrubs, tree trimmings, and grass clippings

⁴¹ Includes traditional recyclables such as paper, cartons, glass bottles and aluminum cans as well as 2,202 MT of waste sent for recovery, including energy recovery.

⁴² Plastics collected and diverted through Arca South and Lio Ecohubs, and were incorporated in the making of construction materials such as ecobricks, ecocasts and ecopavers

⁴³ Yard waste from established estates is used as input for waste-to-energy power plants for a laundry facility that caters to Seda laundry needs.

Construction Waste Generation⁴⁴

in cum	2020	2021	2022	2023	2024	2025
Total Waste Generation⁴⁵	885,144	1,136,685	366,690	218,543	180,192	107,706
Sent to Landfill	541,595	443,307	265,452	146,635	147,040	69,386
Diverted from Landfill and Sent to Recyclers ⁴⁶	343,549	693,378	101,238	71,908	33,151	38,320

Total Hazardous Waste Generation

in metric tons	2020	2021	2022	2023	2024	2025
D406 - Batteries and lead compounds	34	42	36	61	28	17
D407 - Bulbs and mercury compounds	30	26	20	21	15	6
H802 - Grease wastes			-	-	177	861
I104 - Used oil – Oil contaminated materials			0.04	0.28	5	3
J201 - Containers of toxic chemicals	16	12	9	34	22	5
M501 - Pathological or infectious wastes			<1	3	3	0.4
M503 - Pharmaceuticals and drugs			<1	<1	0.41	0.1
M506 - Electrical and electronic wastes ⁴⁷	60	24	3	16	58	10
M507 - Special wastes			1	<1	0.05	0.2
in liters	2020	2021	2022	2023	2024	2025
I101 - Used oil – industrial oil	21,798	94,572	71,463	77,181	41,803	31
I102 - Used oil – vegetable oil			5,247	32,731	56,872	45
F601 - Solvent based					170	1.5

Hazardous Waste Diversion and Disposal

in metric tons	Transported, Recycled or Treated	Stored On-Site
D406 - Batteries and lead compounds	89%	11%
D407 - Bulbs and mercury compounds	98%	2%
H802 - Grease wastes	99%	1%
I104 - Used oil – Oil contaminated materials	98%	2%
J201 - Containers of toxic chemicals	62%	38%
M501 - Pathological or infectious wastes	42%	58%
M503 - Pharmaceuticals and drugs	57%	43%
M506 - Electrical and electronic wastes	97%	3%
M507 - Special wastes	100%	0%
in liters		
I101 - Used oil – industrial oil	93%	7%
I102 - Used oil – vegetable oil	95%	5%
F601 - Solvent based	100%	0%

⁴⁴ Additional waste from construction activities measured in cubic meters. Due to the varying densities of construction materials, waste in cubic meters is reported separately from waste in metric tonnes.

⁴⁵ 2020 to 2021 data included solid waste from ancillary construction activities. In 2022 and 2023, conversion factors for different waste profiles with varying densities were rationalized to improve data management and reporting.

⁴⁶ Waste sent to recyclers or processing facilities

⁴⁷ Commonly generated hazardous waste – lead acid batteries (D406) and industrial oil (I101) for generator sets, and waste electronic (M506) – are recycled through the Bantay Kalikasan program of ABS-CBN Lingkod Kapamilya Foundation, Inc.

GHG Emissions

Year-on-Year Emissions, Scope 1 and 2⁴⁸

in t-CO ₂ e	2020	2021	2022	2023	2024	2025
Gross Emissions (Business-as-usual scenario) ⁴⁹	261,985	214,832	302,377	313,649	356,906	347,445
Less:						
Emissions Reductions from Renewable Energy	154,403	163,946	250,723	276,113	311,454	297,497
Carbon Stored in Carbon Forests (Removals) ⁵⁰	2,490	4,152	8,732	10,329	11,926	13,522
Total Reductions	156,893	168,098	259,455	286,442	323,380	311,019
Net Emissions	105,091	46,734	42,922	27,207	33,526	35,426
% Reduction	60%	78%	86%	91%	91%	90%

GHG Emissions (in tCO₂e)

Scope	Original 2021	2022	2023	2024	2025	%age
Scope 1 Mobile & Stationary Combustion, Fugitive Emissions	59,698.85	53,151.32	61,961.28	55,799.17	21,601	0.76%
Scope 2 Purchase Electricity	84,515.30	68,312.01	56,193.41	45,471.37	23,064	0.82%
Scope 3 ⁵¹						
Downstream Leased Assets	52,045.81	300,701.29	315,675.66	376,482.32	429,269	15.18%
Purchased Goods and Services	2,222,285.03	1,346,765.85	1,280,410.86	1,416,280.38	1,277,319	45.18%
Use of Sold Products	440,746.31	563,173.68	476,763.36	713,862.42	619,354	21.91%
Other Categories	105,131.83	142,245.93	150,111.78	198,712.89	271,367	9.60%
Subtotal	2,964,423.13	2,474,350.08	2,341,116.35	2,806,608.54	2,641,974	93.44%
Additional emissions						
Biogenic Emissions	376.00	57,577.02	51,856.81	51,090.72	151,395	5.35%
FLAG Emissions ⁵²	20,996.00	981.00	21,397.00	26,538.40	34,024	1.20%
Total Emissions⁵³	2,985,795.13	2,532,908.10	2,414,370.16	2,884,237.66	2,827,392	100.00%

Scope 3 Emissions by Category

	2021	2022	2023	2024	2025	Reason for change (2025 vs 2024)
Category 1:						
Purchased Goods and Services ⁵⁴	2,222,285	1,349,104	1,282,494	1,421,546	1,277,319	The 10% reduction in 2025 emission compared to 2024 is mainly driven by the higher share of purchased green rebars and at the same time the overall reduction in the volume of purchase of rebars. Compared to the 2021 baseline emission, the reduction in 2025 is 43%
Category 2:						
Capital Goods ⁵⁵	2,716	3,677	4,110	5,242	6,160	The 18% increase in 2025 emission compared to 2024 is from higher capital expenditures, primarily for IT devices. Compared to the 2021 baseline emission, the increase in 2025 is 127%

⁴⁸ Market-based emissions for Scopes 1 and 2 calculated using the GHG Protocol Corporate Accounting and Reporting Standard.

⁴⁹ Scopes 1 & 2 gross emissions based on business-as-usual (BAU) of commercial properties (malls, resorts and hotels, offices).

⁵⁰ 2022 carbon sinks are calculated by CCI PH and verified by Carbon Check. 2023 and 2024 are estimated carbon sinks based on projections by CCI PH. Remeasurement and verification shall be done 5 years after 2022 or by 2027.

⁵¹ Scope 3 under categories of upstream leased assets, downstream transport, processing of sold products and franchises are not applicable to Ayala Land's operations

⁵² Land Use Change (LUC) emissions under Forest, Land and Agriculture are Ayala Land internal calculation based on GHG Protocol Land Sector and Removals Guidance (Draft for Pilot Testing and Review, September 2022).

⁵³ Emission calculations for 2021 to 2024 are based on actual operational data or spend data from across the organization, including Biogenic CO₂

⁵⁴ PG&S emission is mainly from the procurement of raw materials used in building construction such as rebars and other steel materials, cement and other concrete materials, and PVC materials; calculated using emission factors primarily from DESNZ 2025 for potable water, other steel products, ready-mix concrete, PVC products, and other materials; Ecoinvent v.3.3.8 2021 for cement; as well as supplier-specific emission factors for green rebars (SteelAsia Calaca plant) and green cement (Holcim Philippines); and Watershed's Open Comprehensive Environmental Data Archive of 2025 (Open CEDA 2025) for spend-based activities.

⁵⁵ Capital Goods emission comes mainly from purchase of IT-related devices and equipment; calculated using emission factors from Boavizta's Datavista 2024-2025 and Open CEDA 2025 for unit- and spend-based activities, respectively.

	2021	2022	2023	2024	2025	Reason for change (2025 vs 2024)
Category 3:						
Fuel- and Energy-Related Activities⁵⁶						
Location-based	39,024	92,297	100,802	74,527	216,314	The 190% increase in 2025 emission compared to 2024 is primarily due to the increase in well-to-tank (WTT) emission factor of electricity (generation). Compared to the 2021 baseline emission, the increase in 2025 is 454%
Market-based	39,024	39,916	40,064	71,448	167,582	The 135% increase in 2025 emission compared to 2024 is primarily due to the increase in well-to-tank (WTT) emission factor of electricity (generation). Compared to the 2021 baseline emission, the increase in 2025 is 329%
Category 4: Upstream Transportation and Distribution ⁵⁷	38,457	60,290	62,655	69,316	62,651	The 10% reduction in 2025 emission compared to 2024 is due to the reduction in freight-related costs aligned with the lower purchases of construction materials. Compared to the 2021 baseline emission, the increase in 2025 is 62%
Category 5: Waste Generated in Operations ⁵⁸	10,290	5,518	17,232	35,548	18,052	The 49% reduction in 2025 emission compared to 2024 is mainly from lower waste generation, more waste is repurposed, and reduced waste sent to landfill. Compared to the 2021 baseline emission, the increase in 2025 is 75%
Category 6: Business Travel ⁵⁹	3,269	3,921	4,637	2,528	3,017	The 19% increase in 2025 emission compared to 2024 is from increased land and air travel. Compared to the 2021 baseline emission, the reduction in 2025 is 8%
Category 7: Employee Commuting ⁶⁰	8,872	4,230	4,896	4,978	5,941	The 19% increase in 2025 emission compared to 2024 is due to higher number of employees. Compared to the 2021 baseline emission, the reduction in 2025 is 33%
Category 8: Upstream Leased Assets						Not applicable.
Category 9: Downstream Transportation and Distribution						Not applicable.
Category 10: Processing of Sold Products						Not applicable.
Category 11: Use of Sold Products ⁶¹	440,746	563,174	476,763	713,862	619,354	The 13% reduction in 2025 emission compared to 2024 is due to the reduction of the 50-year electricity emission factor. Compared to the 2021 baseline emission, the increase in 2025 is 41%
Category 12: End-of-Life Treatment of Sold Products ⁶²	1,447	24,710	16,547	10,224	8,304	The 19% reduction in 2025 emission compared to 2024 is due to the lower turned over units for horizontal development. Compared to the 2021 baseline emission, the increase in 2025 is 474%

⁵⁶ FERA emission is based on the WTT emission of Ayala Land's fuel and electricity consumption; calculated using emission factors from DESNZ 2025 fuel-related activities; and estimations based on IEA 2025, DESNZ 2025, and Australia's Department of Climate Change, Energy, the Environment and Water of 2025 (DCCEEW 2025) for electricity-related activities.

⁵⁷ Emission from upstream transportation and distribution is calculated using emission factors from Open CEDA 2025.

⁵⁸ Emission from waste generated in operations is calculated using emission factors from DESNZ 2025.

⁵⁹ Business travel emission is calculated using emission factors from Open CEDA 2025 and Greenview's Cornell Hotel Sustainability Benchmarking Index of 2025 (CHSB 2025).

⁶⁰ Employee commuting emission is calculated using emission factors from DESNZ 2025.

⁶¹ UoS emission is calculated using emission factors from DESNZ 2025 for fuel-related activities; and estimations based on IEA 2025 and Philippine Department of Energy's Philippine Energy Plan 2023-2050 (PEP 2023-2050) for electricity-related activities.

⁶² Emission of end-of-life treatment of sold products is calculated using emission factors from DESNZ 2025.

	2021	2022	2023	2024	2025	Reason for change (2025 vs 2024)
Category 13: Downstream Leased Assets ⁶³	52,046	300,701	315,676	376,739	429,269	The 14% increase in 2025 emission compared to 2024 is driven by the increase in electricity consumption at the tenant areas aligned with the increase in occupancy rate of the commercial leasing properties. Compared to the 2021 baseline emission, the increase in 2025 is 725%
Category 14: Franchises						Not applicable.
Category 15: Investments ⁶⁴	1,057	108	417	31	28	The 9% reduction in 2025 emission compared to 2024 is due to lower amount of investment. Compared to the 2021 baseline emission, the reduction in 2025 is 97%
Forestry, Land and Agriculture (FLAG) / Land Use Change (LUC) ⁶⁵	20,996	981	21,397	26,538	34,024	The 28% increase in 2025 emission compared to 2024 is from higher land development activities. Compared to the 2021 baseline emission, the reduction in 2025 is 62%
Total Scope 3 emission⁶⁶	2,820,209	2,356,330	2,246,887	2,738,000	2,631,333	The 4% overall reduction in 2025 emission compared to 2024 is generally from reduced activity, as well as shift to green sourcing. Compared to the 2021 baseline emission, the reduction in 2025 is 7%

Buildings with Clean Energy Source⁶⁷

	2020	2021	2022	2023	2024	2025
Total	57	65	87	111	130	173
% to Total (in GLA) ⁶⁸	73%	85%	91%	91%	90%	91%

Carbon Forest Sites

Carbon forests	Area (ha)	2022 Carbon stock (t-CO2e)	2023 Carbon stock (t-CO2e)	2024 Carbon stock (t-CO2e)	2025 Carbon stock (t-CO2e)
Alaminos	133	15,906	16,504	17,104	17,702
Cebu	124	11,091	11,014	11,647	12,280
Davao	50	7,021	7,239	7,457	7,675
Lio	80	7,954	8,251	8,548	8,845
Nuvali	120				
Sicogon	80				
SJDM	198				1,625
Alviera	38	15,906	16,504	6,669	
Total	822	41,972	43,008	51,425	48,127

⁶³ DLA emission is calculated using emission factors from DESNZ 2025 and DOE NGEF 2021 for fuel- and electricity-related activities, respectively.

⁶⁴ Investments emission is calculated using South Pole-derived emission factors from Bloomberg Terminal (2024) and GICS classifications.

⁶⁵ FLAG/LUC emission is an internal calculation by Ayala Land based on GHG Protocol's Land Sector and Removals Guidance (Draft for Pilot Testing and Review, September 2022).

⁶⁶ Once Ayala Land is able to retire the RECs on behalf of its tenants, the market-based emission of Categories 11 (UoSP) and 13 (DLA), which excludes all consumption of RE and power with quality RECs, will be presented.

⁶⁷ No. of buildings updated from 2017 onward based on shift dates

⁶⁸ Percentage share of buildings with renewable energy sources as measured in square meters of GLA of malls and offices.

FOUR FOCUS AREAS

This section reports company performance in line with metrics under Four Focus Areas.

Site Resilience

Green Space in Ayala Land Development⁶⁹

in hectares	2020	2021	2022	2023	2024	2025
Total Recorded Green Space	1,152.4	1,074.7	1,152.0	1,242.1	1,251.5	1,314.0
Estates	957.3	879.6	957.0	1,027.5	1,027.5	1,099.0
Residential Developments ⁷⁰	195.2	195.2	195.0	214.5	224.0	215.0

Native Trees in Ayala Land Developments

in hectares	2020	2021	2022	2023	2024	2025
Total Recorded Native Trees	103,942	105,291	106,481	109,779	113,422	116,136
Native Tree Share in Estates ⁷¹						
Established Estates	39%	44%	44%	40%	56%	56%
Emerging Estates	72%	71%	71%	70%	64%	68%
Estates under Planning	89%	87%	87%	69%	83%	84%

Biodiversity

	2020	2021	2022	2023	2024	2025
Total Recorded IUCN Red-List Species⁷²	66	66	66	66	131	143
Critically Endangered	3	3	3	3	4	6
Endangered	12	12	12	12	23	26
Near Threatened	20	20	20	20	44	48
Vulnerable	31	31	31	31	60	63

Total area with high biodiversity value

in hectares	2024	2025
Anvaya Cove	470	470
El Nido	323	323
Alviera	1,125	1,125
Nuvali	1,860	1,860
Sicogon	1,092	1,092
Total	4,870	4,870

⁶⁹ Green space refers to parks and open spaces that are covered with greenery.

⁷⁰ No data for 2022 Residential Development and hence, 2021 value was used.

⁷¹ Native tree share is measured as the percentage of trees from the total tree population that are native. Changes in native tree share are due to newly recorded trees in Ayala Land developments.

⁷² Number of threatened species as identified by the International Union for Conservation of Nature (IUCN) that are found in Ayala Land developments.

Pedestrian Mobility and Transit Connectivity

Transit Connectivity in Ayala Land Developments

	2020	2021	2022	2023	2024	2025
Routes in ALI Malls and Estates ⁷³	38	19	25	20	115	237 ⁷⁴
Average Daily Passengers ⁷⁵	8,451	7,770	10,173	4,941	350,000	488,788

Bike Lanes in Estates⁷⁶

In kilometers	2021	2022	2023	2024	2025
BGC	20.5	20.5	20.5	20.5	20.50
Makati	6.57	6.57	6.57	6.57	6.57
Nuvali	7	7	53.5	53.5	53.50
Vermosa	0	0	24.2	24.2	24.20
Total	34.07	34.07	104.77	104.77	104.77

Resource Efficiency

LEED-Certified Buildings in Ayala Land Commercial Portfolio

	2020	2021	2022	2023	2024	2025
Total Buildings	11	11	14	14	17	18
Office	9	9	12	12	15	17
Hotel	2	2	2	2	2	2
% to Total						
Office (in GLA)	25%	23%	33%	31%	36%	36%
Hotel (in # of rooms)	16%	16%	15%	14%	14%	15%

Renewable Energy Certificates (RECs)

	2024	2025	in MWh
ALEI		9	38,247
ALH	1	10	2,663
ALLHC	1	13	9,674
ALO		30	36,621
		2	
ALP			1,803
ALVEO		14	729
		1	
AMAIA			1
ALMI		37	117,881
AREIT		48	82,672
		1	
AVIDA			895
MDC	5	3	2,234
APMC	7	5	72,917
Overall Total	130	147	366,337

⁷³ P2P bus routes were recorded until 2022. Following the Metro Manila Bus Rationalization Program implemented by the DOTr-Land Transportation Franchising and Regulatory Board in June 2020, the P2P bus routes have decreased starting 2020.

⁷⁴ Additional bus routes considering those offered by other modes of transportation.

⁷⁵ Lower average daily passengers before 2023 due to the pandemic.

⁷⁶ Shared bike lanes with lane markings, bollards, and/or safety signages. Values from 2020 to 2021 corrected.