

Quarterly update : Section 3 Climate Plan

Greenhouse gas inventory (GHG) plan

The Company has published a Greenhouse Gas (GHG) emissions report

URL Link to the Document : <https://sustainability.supalai.com/en/projects/84/continuously-obtaining-certification-for-reporting-standards-and-greenhouse-gas-emission-reduction-iso-14064-1-2018-and-tgo>



Prepare, verify, and publicly disclose the organization’s greenhouse gas (GHG) emissions (Scope 1, Scope 2, and Scope 3), covering active low-rise housing projects and condominiums nationwide under Supalai Public Company Limited, as well as Supalai Grand Tower (the Company’s head office). The reporting is also verified and certified by an external organization.

Targets

Target: Obtain certification for the Company’s greenhouse gas emissions report.

Medium-Term Target: Reduce the Company’s greenhouse gas emissions by 40% in Scope 1 and Scope 2 by 2030, compared to the Business-as-Usual (BAU) baseline.

Long-Term Target: Achieve Carbon Neutrality by 2050 (Scope 1 and Scope 2).

Title	Target			Actual Data
	2026	2027	2028	6M/2026
GHG inventory report, GHG verification and disclosure (specific to Scope 1 and Scope 2 emissions)	Success	Success	Success	In Progress
Prepare, verify, and disclose greenhouse gas emissions (Scope 1, Scope 2, and Scope 3).	Pending implementation.	Pending implementation.	Pending implementation.	The Company has completed the collection and consolidation of its greenhouse gas (GHG) emissions data for the first six months of 2026 (January–June).

Progress description

The Company has completed the collection and consolidation of its 2026 greenhouse gas (GHG) emissions data for the first half of the year (January–June), covering Scope 1, Scope 2, and Scope 3 emissions. The assessment includes Supalai Grand Tower, low-rise residential projects, and condominium projects across Bangkok, its metropolitan area, and regional provinces, covering a total of 233 projects.

Note: The Company's 2026 greenhouse gas (GHG) emissions data will be disclosed only after the completion of an independent verification process.

Decarbonization

The Company is committed to minimizing environmental impacts across all aspects of its operations. This includes implementing effective construction waste management processes to maximize resource utilization, as well as developing innovative solutions to reduce material consumption and promote the efficient use of materials. The Company also encourages investment in the development of environmentally friendly products, engaging both internal employees and external business partners in these sustainability efforts.

The Company is firmly committed to reducing its greenhouse gas emissions (carbon footprint) in Scope 1 and Scope 2 by 40% by 2030, compared to the Business-as-Usual (BAU) baseline. In addition, the Company has set a target to achieve Carbon Neutrality for Scope 1 and Scope 2 emissions by 2050 one of its key corporate objectives. The Company also ensures comprehensive nationwide disclosure of its greenhouse gas emissions across all three scopes, along with ongoing reporting of its performance and action plans for continuous emissions reduction.

Targets

Title	GHG emissions in the base year (tCO ₂ e)	Target for reducing GHG emissions compared with the base year (tCO ₂ e)			Actual Greenhouse Gas Emission (tCO ₂ e)
	2024	2026	2027	2028	6M/2026
Greenhouse gas emission reduction volume	12,092 tCO ₂ e (Scope 1+2)	3%	4%	5%	In progress

Progress description

The company has collected data and summarized the organization's greenhouse gas emission figures for 2026, covering Scope 1, Scope 2, and Scope 3, including Supalai Grand Tower, horizontal development projects, and condominium projects in Bangkok, its vicinity, and regional areas, totaling 233 projects during the first quarter, January-June 2026.

Note: The organization's greenhouse gas emission figures for 2026, which are to be disclosed, must undergo verification before being released to the public.

Strategic Initiative

Strategic Initiative 1 : Transition the head office’s shared vehicles and project vehicles to electric vehicles (EVs) and hybrid vehicles. The company also promotes the use of electric vehicles among employees and encourages the use of E20 and E85 fuel for company vehicles.

Status ● On track		
Year	Expected Outcomes	Actual Data
2026	This measure is expected to reduce carbon dioxide emissions by approximately 20.20 tons per year, equivalent to 0.20% of greenhouse gas emissions compared with the base-year level.	2026 Target: Replace company vehicles and project vehicles that use fuel with electric vehicles and hybrids, accounting for 58%. Jan-Jun 2026: Replace company vehicles and project vehicles that use fuel with electric vehicles and hybrids, accounting for 63%. Currently, the company has 21 electric vehicles and hybrid vehicles to reduce fuel consumption and decrease the organization's Scope 1 greenhouse gas emissions.

Strategic Initiative 2 : 2026: Pilot the use of 50% organic fertilizer in place of chemical fertilizer in common green areas of low-rise residential projects in Bangkok and its surrounding areas. 2027: Expand the use of 50% organic fertilizer replacing chemical fertilizer in common green areas of low-rise residential projects to provincial areas. 2028: Implement the use of 50% organic fertilizer in place of chemical fertilizer in common green areas of low-rise residential projects nationwide.

Status ● On track		
Year	Expected Outcomes	Actual Data
2026	This measure is expected to reduce carbon dioxide emissions by approximately 18.50 tons per year, representing 0.18% of greenhouse gas emissions compared with the base-year level.	2026 Target: Use 50% organic fertilizer to replace chemical fertilizer in common garden areas of horizontal development projects in Bangkok and its vicinity. Jan-Jun 2026 27 projects

Strategic Initiative 3 : Install solar panels at sales offices, show houses, clubhouses, and other common areas in new projects nationwide.

Status ● On track		
Year	Expected Outcomes	Actual Data
2026	This measure is expected to reduce carbon dioxide emissions by approximately 328 tons per year, representing 3.21% of greenhouse gas emissions compared with the base-year level.	Target: 100% solar cell installation for new projects nationwide in sales offices, show homes, clubhouses, or common areas Jan-Jun 2026: 100% installation of 61 units

Strategic Initiative 4 : Install air conditioning systems using low-carbon refrigerant (R32) in sales offices, show houses, and clubhouses.

Status ● On track		
Year	Expected Outcomes	Actual Data
2026	This measure is expected to reduce carbon dioxide emissions by approximately 110 tons per year, representing 1.08% of greenhouse gas emissions compared with the base-year level.	Goal: Increase the installation of air conditioners using low-carbon refrigerant (R32) while reducing the use of R410a in sales offices, show homes, and clubhouses.

Year	Expected Outcomes	Actual Data
		Jan-Jun 2026: 95% of air conditioners will use low-carbon refrigerant (R32), totaling 381 units.

Strategic Initiative 5 : A project to replace Two-Way Valves with Pressure Independent Control Valves (PICV) to improve energy efficiency and reduce electricity consumption at Supalai Grand Tower, the company’s head office.

Status ● Caution

Year	Expected Outcomes	Actual Data
2026	This measure is expected to reduce carbon dioxide emissions by approximately 210 tons per year, representing 2.05% of greenhouse gas emissions compared with the base-year level.	The Company will proceed with replacing Two Way Valve equipment with PIVC Valve equipment during the fourth quarter of 2026, and the project is expected to be completed in 2027.

Strategic Initiative 6 : A project to replace the CW2 clean water pump at Supalai Grand Tower, the company’s head office, to improve operational efficiency and energy performance.

Status ● On track

Year	Expected Outcomes	Actual Data
2026	This measure is expected to reduce carbon dioxide emissions by approximately 95.13 tons per year, representing 0.93% of greenhouse gas emissions compared with the base-year level.	The Company replaced the CW2 chilled water pump at Supalai Grand Tower, which is the headquarters of Supalai Public Company Limited, during the past second quarter, and will proceed to collect data for calculating greenhouse gas reduction.

Strategic Initiative 7 : Happiness Forest’ Project: Planting a total of 6,000 trees on 30 rai of company-owned land (approximately 2,000 trees per year).

Status ● On track

Year	Expected Outcomes	Actual Data
2026	This measure is expected to reduce carbon dioxide emissions by approximately 19 tons per year, representing 0.18% of greenhouse gas emissions compared with the base-year level.	Target 2026-2028: Plant a total of 6,000 trees within the company's premises, averaging 2,000 trees per year, across 30 rai. Conduct tree planting activities near the Supalai Montara @Phutthamonthon project, on an area of over 25 rai, planting a total of over 2,000 trees. by selecting 4 species of trees, namely Gankrao trees, Yee Nam trees, Teen Pet Sai trees, and Neem trees, which are suitable for the local conditions and conducive to ecosystem restoration, along with establishing a comprehensive tree care system. from standard hole preparation to the installation of drip irrigation systems and water pumps to increase survival rates and efficiently promote tree growth.

Strategic Initiative 8 : Green Procurement: Prioritizing the use of environmentally friendly construction materials with a low Carbon Footprint of Products (CFP).

Status ● On track

Year	Expected Outcomes	Actual Data
2026	Drive suppliers and business partners toward the production of construction materials with 100% low Carbon Footprint of Products (CFP).	2026 Target: Driving partners and alliances towards low carbon. Driven 29 SUPPLIERS & BUSINESS PARTNERS to produce construction materials with low CFP value. Including driving 10 SUPPLIERS & BUSINESS PARTNERS to set targets and implement measures to reduce organizational greenhouse gas emissions.