

Katathani Phuket Beach Resort







TOTALSCOPE 1 and 2 emissions:

4.487.29 tonCO26

Comparative Year: 2024

SCOPE 1: Direct GHG emissions

18% of total GHG emissions

SCOPE 2 : Indirect GHG emissions

82%

of total GHG emissions



Greenhouse Gas Emissions



10.39

kgCO₂e/guest night



24.61

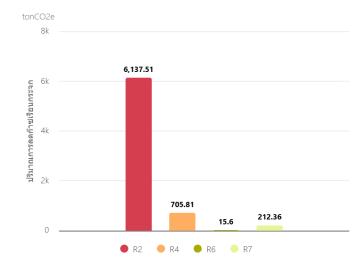
kgCO₂e/room night



52.92

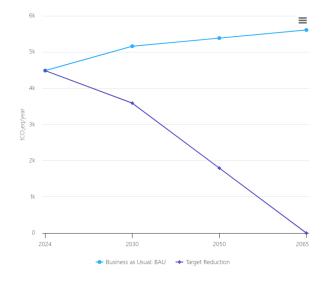
kgCO₂e/m²

Greenhouse Gas Emissions Reduction



- R1 Lighting Efficiency Improvement through LED Replacement
- R2 Reduce energy consumption
- R3 Solar Photovoltaic or Solar PV for Self-Consumption
- R4 Waste Separation for Recycling
- R5 Methane Capture from Anaerobic Digestion of Food Waste for Utilization
- R6 UHT carton recycling for new materials
- R7 Utilization of organic food waste as animal feed
- R8 Composting or soil amendment from organic waste
- R9 Composting food scraps to make organic fertilizer
- R10 Carbon sequestration by trees
- R11 other

Goal to Achieve Net Zero Greenhouse Gas Emissions



2024 Base Year Emission Level

4,448 Base Year

2030 Emission Level

- 5,115 Baseline Forecast
 - 20 % Emission Reduction Target(% below base year level)
- 3,558 Allowable Emission
- 12,754 Achieved with Actions
- 9,195 Achievement Gap

2050 Emission Level

- 5,338 Baseline Forecast
 - 50 % Emission Reduction Target(% below base year level)
- 1,779 Allowable Emission
- 19,130 Achieved with Actions
- 17,351 Achievement Gap

2065 Emission Level

- 5,560 Baseline Forecast
 - 100 % Emission Reduction Target(% below base year level)
 - 0 Allowable Emission
- 38,261 Achieved with Actions
- 38,261 Achievement Gap