

**CENTRAL**RETAIL

ELEVATION EXCELLENCE

**SUSTAINABLE FUTURE**

**MATERIALITY METRICS  
FOR EXTERNAL STAKEHOLDERS**



# Materiality Metrics for External Stakeholders

**Material Issue:** Climate Change

**Type of Impact:** Negative

**Cause of the Impact:** Operations, Products/Services, Supply Chain, >50% of business activity

**External Stakeholders Affected:** Environment, Society, Consumers/End-users, Supply chain

Output Metrics	Output Valuation (2023)	Impact Metric	Impact Valuation (2023)	Reference
Amount of greenhouse gas (GHG) emissions mitigated	<b>Energy reduction from Solar Rooftop Installation</b> 87,824 MWh or 43,903 tons CO <sub>2</sub> eq			
	<b>Energy reduction from chiller plant management system (CPMS) and energy management information system (EMIS)</b> 1,897 MWh or 948 tons CO <sub>2</sub> eq	<b>Social cost of carbon in 2022 (3% discount rate)</b> USD 53 per tons CO <sub>2</sub> eq	<b>Social cost of carbon avoided from GHG mitigation</b> USD 13,394,001 or THB 466,245,175	<ul style="list-style-type: none"> <li>• <a href="https://iris.thegiin.org/metric/5.3/oi5951/">https://iris.thegiin.org/metric/5.3/oi5951/</a></li> <li>• <a href="https://www.whitehouse.gov/wp-content/uploads/2021/02/TechnicalSupportDocument_SocialCostofCarbonMethaneNitrousOxide.pdf">https://www.whitehouse.gov/wp-content/uploads/2021/02/TechnicalSupportDocument_SocialCostofCarbonMethaneNitrousOxide.pdf</a>, P.46</li> </ul>
	<b>Energy reduction from encouraging employees to utilize stairways instead of elevators, and shutting down some elevators</b> 50 MWh or 25 tons CO <sub>2</sub> eq			
	<b>Energy reduction from installed a free air-cooling system</b> 257,154 MWh or 53,249 tons CO <sub>2</sub> eq			
	<b>Energy reduction from installed an inverter stabilizer</b> 746,567 MWh or 154,592 tons CO <sub>2</sub> eq			
	<b>Total GHG emissions mitigated</b> 252,717 tons CO <sub>2</sub> eq			

# Materiality Metrics for External Stakeholders

**Material Issue:** Community Contribution and Local Product Development

**Type of Impact:** Positive

**Cause of the Impact:** Operations, Products/Services, Supply Chain, >50% of business activity

**External Stakeholders Affected:** Environment, Society, Consumers/End-users, Supply chain

Output Metrics	Output Valuation (2023)	Impact Metric	Impact Valuation (2023)	Reference
Payment for activities that benefit local community	<b>Total community and social support</b> THB 108,405,528	<b>Income generation for households/ communities</b>	<b>Income generation for households/ communities through Jing Jai Farmer's Market</b> THB 231 million amongst 10,200 households	• <a href="https://iris.thegiin.org/metric/5.3/oil619/">https://iris.thegiin.org/metric/5.3/oil619/</a>
	<b>Share of community and social investment</b> 35.7%			
	<b>Community and social investment</b> THB 38,700,774			



## CENTRALRETAIL

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