KMC 碳管理年度进展披露

KMC Annual Progress Disclosure on Carbon Management

2025 年，KMC 总碳排放量为 342,299.5 吨，KMC 总排放强度为 1.1 吨/吨产品。其中范围 1 排放 927.6 吨二氧化碳当量，占比 0.27%；范围 2 排放 57,910.2 吨二氧化碳当量，占比 16.92%；范围 3 排放 283,461.7 吨二氧化碳当量，占比 82.81%。

In 2025, the total carbon emissions of KMC were 342,299.5 tons, and the total emission intensity was 1.1 tons of carbon per unit of production. Among them, the range 1 emissions were 927.56 tons of carbon dioxide equivalent, accounting for 0.27%; the range 2 emissions were 57,910.2 tons of carbon dioxide equivalent, accounting for 16.92%; and the range 3 emissions were 283,461.7 tons of carbon dioxide equivalent, accounting for 82.81%.

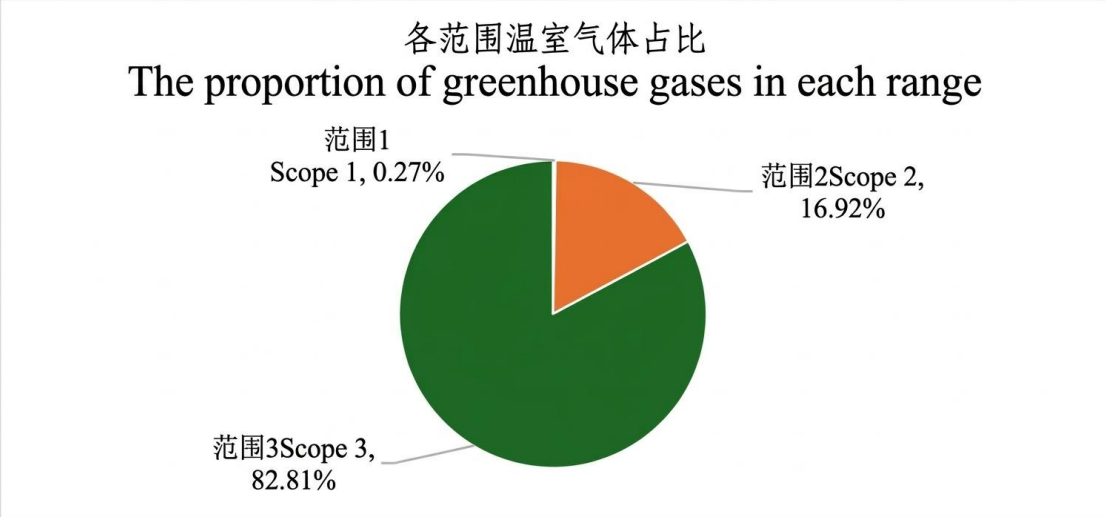

表 1：KMC 温室气体排放量

Table 1: KMC Greenhouse Gas Emissions

指标 Indicators	**单位 Organization**	**2025 年**

指标 Indicators	单位 Organization	2025 年
温室气体排放总量[1]： Total greenhouse gas emissions：	吨二氧化碳当量 tons of carbon dioxide equivalent	58837.77
温室气体排放范围一[2]： Greenhouse gas emission scope one：	吨二氧化碳当量 tons of carbon dioxide equivalent	927.57
温室气体排放范围二[3]： Greenhouse gas emission scope two：	吨二氧化碳当量 tons of carbon dioxide equivalent	57,910.20
温室气体排放范围三[4]： Greenhouse Gas Emission Scope 3:	吨二氧化碳当量 tons of carbon dioxide equivalent	283,461.74

[1] 温室气体排放总量=范围 1 排放量+范围 2 排放量+范围 3 排放量。

[1]The total amount of greenhouse gas emissions = Scope 1 emissions + Scope 2 emissions + Scope 3 emissions.

[2] 范围 1 计算包括固体燃料排放量（原煤、精洗煤、无烟煤）、液体燃料排放量（汽油、柴油、液化天然气）、气体燃料排放量（天然气）、生产过程化学排放；我们基于《IPCC 2021 年第六次评估报告提供的温室气体 GHG 的全球暖化潜值 GWP》进行排放因子选取并计算。

[2]The scope 1 calculation includes solid fuel emissions (raw coal, washed coal, anthracite), liquid fuel emissions (gasoline, diesel, liquefied natural gas), gas fuel emissions (natural gas), and chemical emissions during the production process. We selected the emission factors based on the "Global Warming Potential (GWP) of Greenhouse Gases" provided in the "IPCC 2021 Sixth Assessment Report" and calculated the emissions.

[3] 范围 2 计算包括外购电力、外购热力、外购蒸汽、外购冷量；我们基于《综合能耗计算通则》(GB/T2589-2020)、《民用建筑节能设计标准》、《公共建筑节能设计标准》折标系数进行能量换算，碳因子选取采用《IPCC 2021 年第六次评估报告提供的温室气体 GHG 的全球暖化潜值 GWP》中数据。

[3] Scope 2 Calculation includes purchased electricity, purchased heat, purchased steam, and purchased cooling capacity. We conduct energy conversion based on the "General Rules for Energy Consumption Calculation" (GB/T 2589-2020), "Energy Conservation Design Standard for Civil Buildings", and "Energy Conservation Design Standard for Public Buildings". The conversion coefficients are calculated using the adjustment factors provided in the "IPCC 2021 Sixth Assessment Report on Global Warming Potency of Greenhouse Gases (GWP)" data.

[4] 范围 3,不包含员工差旅过程中汽运排放。

[4]Scope 3, excluding the emissions from transportation during employees' business trips.

公司坚持“减排优先、抵消补充”的原则，通过工艺优化、绿电采购、可再生能源项目建设和低碳技术应用等措施推进减排，并持续跟踪 CCER 及其他碳信用市场，为后续中和安排提供补充工具。

The company adheres to the principle of "prioritizing emission reduction and supplementing with offsetting measures". It promotes emission reduction through measures such as process optimization, green power procurement, construction of renewable energy projects, and application of low-carbon technologies. It also continuously tracks the CCER and other carbon credit markets to provide supplementary tools for subsequent offset arrangements.

表：减排行动

Table: Emission Reduction Actions

减排方式 Emission reduction methods	**报告期关键进展 Key developments during the reporting period**
振动筛改造项目 Vibration Screen Renovation Project	单位产品能耗下降 1%。 The energy consumption per unit product has decreased by 1%.
10KV 线路改造 10KV line renovation	减少 400KVA 柴油发电机启动小时 300 小时。 Reduce the startup hours of the 400KVA diesel generator by 300 hours.
光伏项目 Photovoltaic project	KMC 矿山光伏发电项目设计已启动，2026 年将重点推进 KMC 矿山光伏项目建设，力争 2030 年实现矿山 100%绿色电力。 The design for the KMC mine photovoltaic power generation project has been initiated. In 2026, efforts will be focused on the construction of the KMC mine photovoltaic power station,

	aiming to achieve 100% green electricity for the mine by 2030.
一脱泵液位自动控制 Automatic control of the pump discharging liquid level	节约电能 10, 000 Kwh。 Save 10,000 Kwh of electricity.