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FOOTPRINT & REPORTING

2024 Greenhouse Gas (GHG) Report

Credo Announces Completion of First GHG Emissions Calculation, Reinforces Commitment to Environmental Sustainability

Credo, Semiconductor, a leading innovator in high-performance, low-power connectivity solutions, is proud to announce the completion of its first Greenhouse Gas (GHG) emissions and carbon footprint calculation.

This milestone marks a significant step in Credo's ongoing commitment to environmental stewardship and aligns with its broader Environmental Social Governance (ESG) goals aimed at reducing its environmental impact.

Semiconductor Manufacturing: Lower Power, Higher Impact

The semiconductor industry, known for its energy-intensive manufacturing and computing processes, plays a critical role in the global economy, especially as powering AI technologies becomes increasingly prevalent.

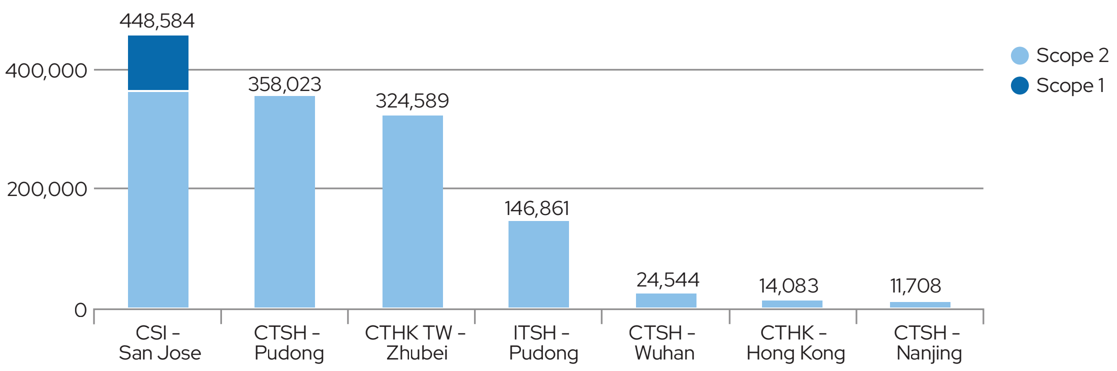
However, it also faces growing scrutiny regarding its environmental toll. This year, Credo undertook a rigorous process to measure and analyze its Scope 1 and 2 GHG emissions in order to understand their own footprint in the ecosystem.

By establishing this GHG inventory, Credo has created a critical baseline that will guide future emissions reduction strategies and inform its broader environmental objectives.

This report details the findings of Credo's emissions assessment and lays the groundwork for sustainability initiatives aimed at reducing its operational carbon footprint.

Comprehensive Approach to GHG Emissions Calculation

Scope 1 and 2 by Entity, kgCO2e



Scope 1 Emissions: Credo's direct emissions are primarily attributed to stationary fuel usage across its offices, contributing approximately 93 metric tons of CO_2 equivalent (tCO_2e) in 2023.

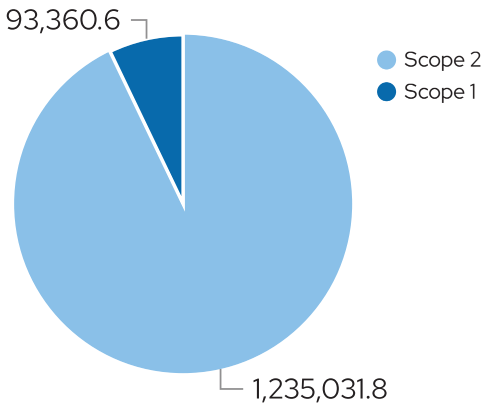
Scope 2 Emissions: Indirect emissions from purchased electricity represent a significant portion of Credo's GHG footprint, totaling 1,235 tCO_2e in 2023.

Energy Consumption: Credo's total energy consumption amounted to 12,443 GJ in 2023, of which 85.1% was sourced from grid electricity.

COMPREHENSIVE APPROACH TO GHG EMISSIONS CALCULATION

Scope 3 Emissions: While Credo's Scope 3 emissions are not yet fully quantified, the company aims to expand its GHG inventory to include categories such as waste, business travel, and other indirect activities in the near future. Recognizing that its environmental impact extends beyond Scopes 1 and 2, Credo understands the importance of assessing these additional emissions to inform future reduction strategies.

Overall Emissions



Commitment to Carbon Reduction and Sustainability

In response to the GHG emissions calculation, Credo is now focused on developing a robust carbon reduction strategy that aligns with global climate goals. The company is exploring a range of initiatives, including:

Renewable Energy Adoption: Transitioning to renewable energy sources for its San Jose facilities, with the goal of significantly reducing Scope 2 emissions.

Low-power Product Innovation: Continuing to innovate in the development of energy-efficient products that contribute to lower power consumption in end-user applications, further reducing the overall carbon footprint.

Carbon Offsetting: Exploring opportunities for carbon offsetting, including a range of carbon removal projects and investments in renewable energy credits, to compensate for unavoidable emissions.

A Call to Action for the Industry

In addition to driving lower-power, energy-efficient solutions in the industry, integrating sustainable practices within its operations reflects Credo's commitment to reducing its environmental impact. By establishing a clear understanding of its current emissions, Credo can explore new goals for reduction.

Credo is also encouraging its partners to adopt greener practices through its supplier management strategy. Through its actions, Credo hopes to inspire other companies to undertake similar initiatives and collectively contribute to a more sustainable future.

For more information on anything you've read in this report, please get in touch:

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