Case Study_Construction

Supported scope 3 calculations required for each site or location while reducing man-hours. It is an obligation in the construction industry for the primary contractor to calculate and disclose all emissions generated on site.

Market: TSE Prime Market
Employees: 14,000

Plan: Asuzero for Listed company (Scope1-3)
    CFD Consultation
Focused scope/category:
Scope3 Category1(Purchased goods and services)
    Category11(Use of sold products)

Issue

- They have used Excel, but it is very difficult to tally the data for scope 1.
- Aggregation for each location and site is also time-consuming.
- Costs have increased due to soaring fuel prices.

Outcome

- Detailed explanations of what is required from general contractors by the Asuzero team, clarifying what items had to be disclosed.
- Utilizing AI image reading, calculations were made with minimal burden on the site.
- Visualization of fuel usage helped reduced idling of heavy equipment, leading to cost reduction.

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