

RPMGlobal supports emissions capture plan for a **global, multi-site operation**

Global mining company | Emissions capture plan | Software solutions



"As EmissionsManager aligned with our organisational reporting structure, we could understand and compare our emissions for each particular site to prioritise and validate our emissions reduction initiatives."

Overview

Mining companies all over the world are facing increased scrutiny and stricter regulations regarding Greenhouse Gas emissions reporting requirements. The need to capture, analyse and report on emissions is critical to every operation and directly impacts the continued license to operate. RPMGlobal worked with a mining company on a solution that would proactively capture, monitor and report on Greenhouse Gas emissions while providing the necessary information to address statutory reporting requirements.



Challenge

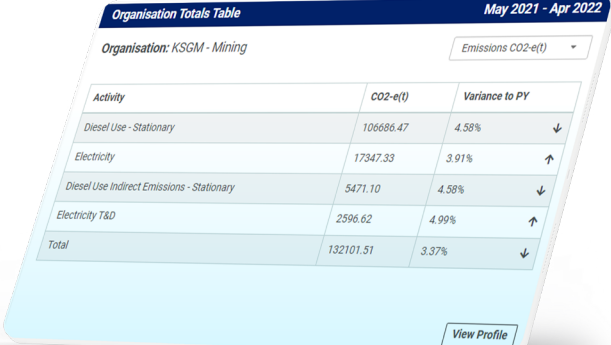
The organisation had multiple operations, with each operation needing to track and report their emissions to align with their own decarbonisation goals and to comply with legislative requirements associated with where they operate. Each site also had a unique combination of suppliers, so the data was supplied in multiple formats at varying levels of frequency. As the data came from all over the operation, it was recorded and measured differently, meaning the company was manually consolidating a myriad of outdated spreadsheets with varying data quality. This made it extremely difficult for them to track, analyse, and compare emissions between sites whilst complying with their mandatory reporting requirements.

Approach / Solutions

In collaboration with customer stakeholders, RPM was able to assess the operation and develop an emissions capture plan highlighting what needed to be tracked from operational activities and how the data should be captured based on their organisational structure. EmissionsManager was then deployed to proactively track and monitor the emissions across all sites for future reporting. EmissionsManager allowed the site to quantify their current baseline as well as historical greenhouse gas emissions profiles, energy usage, and impacts across the entire portfolio of assets and processes. This included scope 1 and 2 emissions as well as being able to extend the baseline to include scope 3 emissions if needed.

Impact

Through EmissionsManager, the customer could visualise their historical, current and forecasted emissions through intuitive reports and dashboards. As all of the data was captured against the company's organisational structure, the customer could report from the consolidated company level all the way down to the original activity. This allowed them to identify trends, issues and opportunities whilst comparing progress between sites to validate their emissions reduction initiatives. Alongside the regular internal review of their emissions, the organisation also relied on the out-of-the-box regulatory reporting within EmissionsManager to build their reports in real-time, allowing them to adjust as required.



Activity	CO2-e(t)	Variance to PY
Diesel Use - Stationary	106686.47	4.58% ↓
Electricity	17347.33	3.91% ↑
Diesel Use Indirect Emissions - Stationary	5471.10	4.58% ↓
Electricity T&D	2596.62	4.99% ↑
Total	132101.51	3.37% ↓

“EmissionsManager gets away from the risks associated with compiling so many different spreadsheets by **automating the majority of the data capture process**. We can then proactively monitor the operations, meet our legislative reporting requirements and prove we’re **heading in the right direction**.”