

WHEREscape CASE STUDY

WhereScape Helps Premier Iron Manufacturer Transition to Sustainable Mining

The Challenge

One of Europe's preeminent mining companies recently began the ambitious project of transitioning to carbon dioxide emission-free production by the year 2045. To begin this initiative, they had to consider all the variables involved, from vibrations, speeds, weights, and energy usage on the production side to finances, IT, and sales on the operational side.

The mission required information to be analyzed from several different source systems. However, the company's platform was restrictive and data was segmented amongst teams, meaning the consolidation of data and reporting for the emissions-free project would be labor-intensive, complex undertaking.



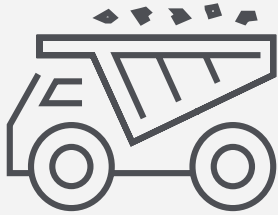
2045

**GOAL: carbon dioxide
emission-free production**

“We can measure the mining operations in a more effective way than what was previously possible.”

Group Manager Data & Analytics

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HIGHLIGHTS

- ▶ Consolidated data across multiple departments, creating visibility for all stakeholders
- ▶ Once-a-month reports now generated in a matter of minutes
- ▶ Shortened development cycles and secured deliveries continuously
- ▶ Streamlined information, allowing the company to make key operational and financial decisions on a major transition plan

The Solution

The company partnered with WhereScape, along with the consultancy team at Knowit, to build and implement an all-inclusive data warehouse on Snowflake. By combining its various sources, platforms, and information into a singular, unified system, the company could now quickly and seamlessly collect, and evaluate all pertinent data for the emissions-free transition project. The instantaneous flow of data and reporting proved vital, giving the team the information it needed to make key decisions and take the correct steps toward a successful, emissions-free transition.

The Results

The WhereScape solution proved to be very beneficial for the company's emissions-free transition plan. WhereScape and Knowit have enabled shortened development cycles and the flow of accurate, well-documented data in half the time it used to take. The company can now read new source systems in a single day. With the newly designed architectural framework, teams can streamline the way they develop and enter data, ensuring a consistent process and standardized reporting.

“Getting more data, seeing more of every part of each production process makes us more effective and can finance the investment in our transformation and decrease carbon dioxide emissions.”

Group Manager Data & Analytics

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