



Service Offerings



In response to climate change and the need to reduce greenhouse gas emissions, Stantec developed Net Zero Mining—a holistic service offering to assist mining companies in meeting their environmental, social, and governance (ESG) goals. By finding ways to reduce energy demand and use clean sources of energy, Stantec can guide you on the path to net zero emissions.

Reduce Emissions

- Carbon footprinting—GHG inventories, audits, and accounting
- Energy efficiency value engineering
- GHG reduction road map development
- Autonomous transport design
- Equipment optimization
- Ventilation efficiency and heat recovery
- Hydraulic hoisting
- Climate risk and resiliency assessments
- Waste rock reduction through innovative mine design
- Material logistics optimization

Replace Energy Source

- Large-scale renewable energy infrastructure design—solar, wind, pumped storage, microgrids and battery storage
- Electric and alternative power mobile fleet implementation
- Planning, project management to implement energy storage systems

Want to learn more?

Visit our [Net Zero Mining page](#). Or, [contact us](#).



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