SUSTAINABLE MINING
WITH GOLDSET

Considering sustainability during mine planning and design is a cost-effective way to reduce environmental, social, and economic risks and increase opportunities throughout the mining lifecycle.

At Golder Associates, we offer a holistic approach to project planning and design using our sustainability evaluation tool – GoldSET. It helps our clients assess sustainability benefits and trade-offs, align them with stakeholders’ expectations and optimize project performance.

WHAT IS GOLDSET?
GoldSET is a customizable and reliable engineering tool that maximizes the sustainability value of your project’s planning, design, and engineering.

Based on a rigorous multi-criteria analysis (MCA) approach, GoldSET is an innovative web-based engineering tool, that provides a simple, systematic process to evaluate project alternatives. This is achieved by using qualitative and quantitative indicators from economic, social and environmental dimensions. Results are summarized in a diagram that clearly illustrates the strengths and weaknesses of each option. As such, the GoldSET tool supports the integration of triple-bottom-line considerations within projects, and fosters proactive engagement with stakeholders.

WHY USE GOLDSET?
GoldSET can benefit project proponents, managers, and technical staff by:
- Simplifying the decision process when dealing with complex issues
- Considering a broad set of sustainability issues early on in the project lifecycle
- Evaluating alternatives through a rigorous and systematic framework
- Providing intuitive visual representation of analysis results
- Improving stakeholder understanding of project benefits and trade-offs, thereby reducing permitting time
- Reducing lifecycle costs and risks
- Maximizing the sustainability value of projects
- Enhancing corporate image and securing the social license to operate

GoldSET’s systematic approach to decision-making

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