AXORA

METALS & MINING AX01043

Mineral Evaluation platform providing speedy mine project evaluations

CONTENTS

View the solution on our marketplace

→   **Open solution listing**

AXORA

MINERAL EVALUATION PLATFORM PROVIDING SPEEDY MINE PROJECT EVALUATIONS

How it works

To secure the necessary capital investments, junior miners, exploration companies, and mine operators must be transparent in all of their operations and actions and fully compliant at the project-planning stage to a variety of stakeholders.

Achieving this has typically been a complex, time-consuming, and expensive process that is prone to human error. The planning and modelling involved in valuing and evaluating minerals projects requires integrating and unifying multiple datasets. The resulting integrated data must often then be compared with benchmark data, which necessitates additional import and data configuration. Added to this, analysts may build in formulae that are not transparent to decision-makers. All of this means that version controlling and scenario planning is difficult. The lack of standardised ways to model only creates further confusion and a lack of trust when models are subject to deeper review at a later stage.

With this innovative solution, analysts and project leaders are given instant access to cost benchmarks from comparative projects. Team members begin by entering project information into a secure web browser. They then get detailed predictions of how their project is likely to perform over time, based on advanced economic modelling, real-time commodity price streaming, and predictive analytics.

This easily-scalable solution assists with portfolio management, group accounting, project monitoring, and visualising a project overtime on a bespoke development basis. It lets users model and plan for best- and worst-case scenarios. It provides risk assessment and modelling against key outputs, such as IRR, NPV, cash margin, profitability index, and sensitivity delta cash-cost separation. Its dynamic, parametric-based models can be easily tweaked and reviewed. And it also gives users access to a library of case studies from over 900 similar projects, including private and public data.

The result is greater transparency and compliance at the project-planning stage, because all reporting at the asset level meets compliance needs. The models are also fully auditable, with error-prone steps removed. Plus, it allows for best- and worst-case scenario planning, cash-cost separation, supply-chain analysis, price forecasting, and competition analysis.

Key facts

3X
faster valuation of mining projects

280+
commodity types supported

900+
benchmark projects in library

AXORA

TOP BUSINESS BENEFITS

There are six main business benefits of this solution:

> Proven to value mining projects 3x faster than normal practices

> Supports over 280 commodity types

> Asset level reporting meets compliance needs

> Fully auditable

> Benchmark to historical projects

> Cuts project costs

The solution can value and evaluate a mineral project up to three times faster than is standard. It supports hundreds of commodity types, so it can be applied to multiple projects, and it helps meet compliance goals. This robust and simple-to-use web-based system provides auditability, standardisation, benchmark comparisons, version control, multi-analyst collaboration, and advanced predictive modelling, and it allows comparisons to be made with past projects.

It significantly speeds up project management and development, cuts project costs and increases productivity. And all the models it uses are fully auditable and scalable, so they work for large or small teams.

Sample success story

The team has evaluated over 4,000 minerals projects globally across a broad spectrum of commodities and been involved in over US$4Bn worth of investment decisions.

> Proven to value mining projects 3x faster than normal practices

> Supports over 280 commodity types

> Asset level reporting meets compliance needs

> Fully auditable

> Benchmark to historical projects

> Cuts project costs

4000
Minerals projects

$4BN
Worth of investment decisions

AXORA

FAQS

Can you compare different technical scenarios with this solution?

Yes, different technical and economic scenarios can be easily compared with a clear audit trail.

How are results displayed?

Results are displayed on the easy-to-read dashboard graphically and in tables to minimise confusion, and all analysis is fully customisable.

Can the results be benchmarked?

Yes, results and selected inputs can be benchmarked against a database of global peers.

How many commodity types can be modelled with this solution?

280 commodity types, both solids and liquids, can be modelled, and this is expected to grow.

About Axora

Axora is the global technology **marketplace** for heavy industry. We source the best innovative solutions, to solve the biggest industrial problems.

Our service helps industrial companies to discover, evaluate, procure and deploy technology from all over the world.

Entrusted globally by 100s of industrial leaders and innovative solution providers, we help companies take action to hit their safety and sustainability goals.

About the solution provider

The company behind this mineral site evaluation SaaS solution has been applying Big Data and predictive analytics to mining finance for over a decade. Its suite of analytical tools, combined with sector-specific knowledge, helps to make informed decisions in mining planning, mergers and acquisitions, operational performance, and corporate strategy. To date, its tools have been instrumental in over $4 billion of investment decisions.

Your next steps

→ Email us

AXORA

The technology marketplace
for heavy industry

axora.com