



# COMET

## STRATEGY



**25**  
Years Of  
Experience



**150+**  
Mining  
Projects



**200+**  
Worldwide  
Active Users

Holistic Mine Optimisation  
**2026 Edition**

→ [www.cometstrategy.com](http://www.cometstrategy.com)

## About Us

COMET STRATEGY was founded using the Optimal Scheduling PhD in 2000 by Dr Brett King. Globally launching Optimal Scheduler, our flagship software the following year in 2001.

Since the start we have been on a mission to empower mining professionals with optimisation software and expert training. Helping mining companies maximise the shareholder value for every mining project.

Our main difference is using the overarching objective during optimisation to maximise shareholder value. This differs from traditional-

## Holistic Mine Optimisation

Our two services approach optimisation from different angles. Our Optimal Scheduler software tackles it from a practical side, while our training services address it through education. This enables us to provide our clients holistic optimisation support, resulting in true maximisation of shareholder value.

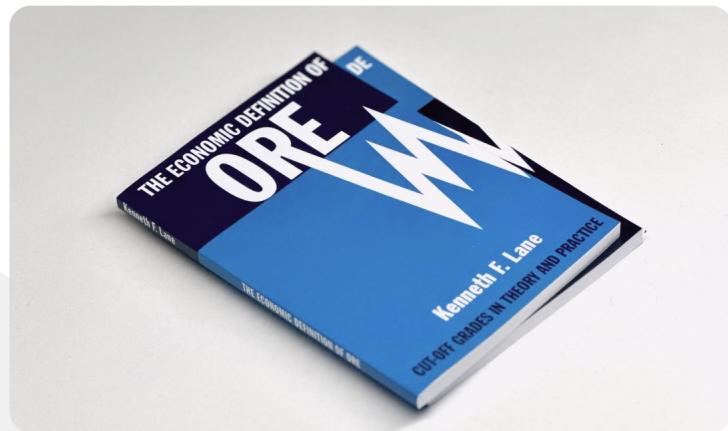
Holistic Optimisation factors in the technical and workplace aspects. You can see this in the plethora of features in our Optimal Scheduler software. More uniquely, you can see this on the first day of our required Foundation Training, calibrating your understanding of foundational integration with other systems and optimisation software.

 Software

 Training

-practices, which is why we offer education training alongside our flagship software, *Optimal Scheduler*.

At our core, our driving motivation has been to see our skills and knowledge benefit the mining industry. So we are thankful that 25 years on, we support and are supported by a talented community in strategic analysis.



(*Economic Definition of Ore* by Kenneth f. Lane)

Our approach was heavily influenced by Kenneth f. Lane's work on mine economics and optimisation.

Ken Lane focused on the opportunity costs in mining sequences using cut-off grades. Dr King expanded this capability to include multiple sequences, stockpiles, multiple processing, environmental and agricultural policies.

*Special thanks to the late Ken Lane for working with us to publish his book "The Economic Definition Of Ore", one of the only mine optimisation books.*



# Software

## Optimal Scheduler

### 25 Years Of Optimisation

*Optimal Scheduler*, built off our unique dynamic programming algorithms, has had major upgrades & features added every year, for over 25 years. Resulting in a mature, reliable and highly effective tool for mining professionals.

### Annual R&D Conferences

We meet with our community annually to share updates & upcoming features, respond to impromptu questions & talk through any feedback users present.

Big thank you to our users that reach out and provide insightful feedback to better our software.

### Advanced Capabilities

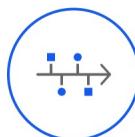
Whether you're working on surface, underground or mixed mines, *Optimal Scheduler* has a strong comprehensive set of capabilities you can use to keep growing your analysis.

### 200+ Active Users Worldwide

Join our community of dedicated professionals who want to make the most of what they have, the best they can.



## Optimal Scheduler Capabilities Overview



### Long Term Scheduling

Optimise the entire mine life while taking into account unpredictable economics.



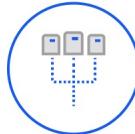
### Variable Cut Off Grade

Identify optimal cut-off grades for each period and destination.



### Stockpiling & Handling

Optimise recourse utilisation thanks to automated stockpiling and reclaiming.



### Simultaneous Processing

Optimise many scenarios simultaneously through local, intranet or cloud computing resources.



### Integrated Open Pit & Underground Optimisation

Identify the optimal extraction sequence for projects using integrated mining methods.



### Integrated Agriculture

Create the most environmental and socially responsible analysis by incorporating agricultural cashflows.



### Multiple Mining Projects

Optimise multiple mining regions in parallel with common processing & logistics infrastructure.



See the full software capabilities here:  
[www.cometstrategy.com/software-info](http://www.cometstrategy.com/software-info)



# Training

## Insight To Action

### Our Training Services

#### 1. Foundation Training

For professionals new to Optimal Scheduler. One week covering core concepts, standard workflows, and correct use of the software. *Required for all new users.*

#### 2. Advanced Training

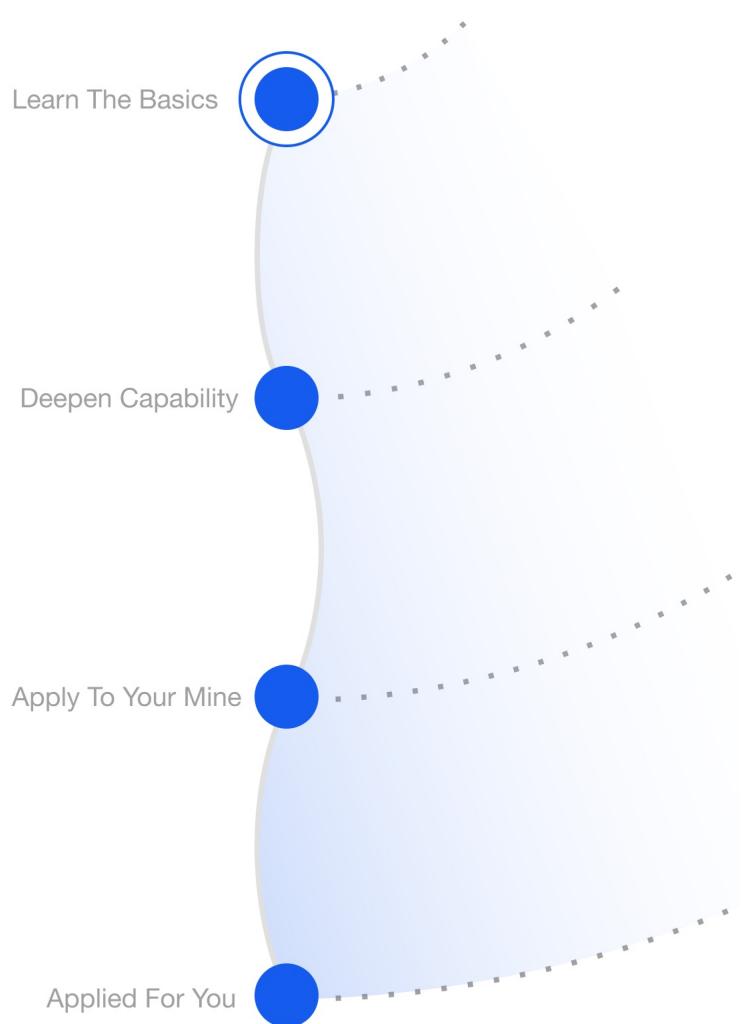
For experienced users who completed Foundation Training. Topic-based sessions that cover more complex optimisation logic, and configuration. Using demonstration project models only.

#### 3. Applied Workshops

For professionals actively working on a mine project. We take the advanced training and apply them directly to your project data, working in Optimal Scheduler with your models. The focus is “learn by doing” with an expert over your shoulder.

#### 4. Optimisation Consulting

For operations that need outcomes, not training. COMET approved consultants lead or execute the optimisation work on your project. Building, running, and interpreting scenarios with you.



### Why training is required?

## Part of valuing optimisation, is prioritising training.

Training protects the quality of decisions, the reputation of the decision maker, and gives mine-planning teams a reliable, structured way to produce serious, defensible plans with *Optimal Scheduler*.

To request training visit:  
[www.cometstrategy.com/training-request](http://www.cometstrategy.com/training-request)



# Training Philosophy

## Perspective Optimisation

### What is Perspective Optimisation?

This is our approach for first day of **Foundation Training** course. **As an optometrist calibrates sight, we help calibrate your perspective.**

*Perspective Optimisation* is the key process our training services revolve around. Fine-tuning your strategies and overarching objective to make sure your approach is properly aligned to best optimise your mining projects. This is why the first day of **Foundation Training** is pivotal for achieving the best results with Optimal Scheduler.

### How it helps

Professionals in the industry agree that maximising long term shareholder value is the highest priority. However, we realised that mining professionals tend to adopt conflicting priorities and artificial constraints. Which limits their ability to maximise the shareholder value.

We believe this is due to a ‘tunnel-vision’ understanding of economic principles. **It’s the equivalent to being blindfolded and told to find the exit.** You don’t have the right perspective to achieve your goal, in fact, your perspective blinds you to it entirely.

This an unseen obstacle that we help all mining professionals identify, understand & resolve.

### COMET Approved Partners

In addition to our consulting expertise, COMET Approved Partners also provide consultation for clients needing tailored application for their specific projects. Like our training, we have very high standards so all approved partners will be significantly resourceful in guiding your project to its optimal outcome.

*“An example of this is multi objective optimisation. These objectives have a subtle distraction from maximising the full value of the project. Multiple objectives often leads to multiple solutions (in reality we can only choose one). This leads to a slower ability to answer key questions and choices, choosing a solution not well aligned with your overarching objective.” - Dr. Brett King.*



### The Right Pick For Me?



**Optimal Scheduler** is best for mining professionals needing a long term, schedule optimisation tool that empowers rapid analysis for lots of results, fast.



**COMET Training** is best for improving general optimisation know-how and building expertise in advanced strategic analysis.



Made your pick?

Reach out to us here [info@cometstrategy.com.au](mailto:info@cometstrategy.com.au)



# Global Locations

## Optimal Scheduler Project Sites



### Precious Minerals

Gold  
Silver  
Diamond



### Industrial Metals

Iron Ore  
Copper  
Bauxite



### Energy Minerals

Coal  
Uranium



COMET Support

## Our Clients



**Teck**

**RioTinto**



**GRUPO MEXICO**

**ANTOFAGASTA MINERALS**



**EVR**  
A GLENCORE COMPANY

## COMET Approved Partners

