

# Best Practices for Mining Projects

Learn Best Practices for project development, planning, and execution in the mining, minerals, and metal (MMM) processing facilities industries.

## COURSE SUMMARY

**Best Practices for Mining Projects** provides participants with early project development practices and learnings that have been shown to improve mining project effectiveness, and in turn, drive business performance.

With increased project activity in the mining sector, course attendees will benefit from newly added course modules on *Project System Governance*, *Contracting Strategies*, and *Construction Safety*, along with new IPA research and data linking project practices to outcomes.

## BENEFITS

- **Understand** how developing and maintaining an effective project delivery system affects overall project system performance
- **Learn Best Practices** for effective team development
- **Recognize** the key drivers of poor performance for mining projects
- **Comprehend** the key drivers that lead to successful completion of each phase of Front-End Loading (FEL), including the key deliverables that are required at the end of each phase
- **Discover** how tools and techniques for identifying and mitigating risks
- **Understand** the Value Improving Practices (VIPs) that correlate with better project outcomes
- **Learn** project control Best Practices that drive improved project outcomes

## COURSE BACKGROUND

All course instruction, presentations, and supplementary course materials are rooted in IPA's decades of experience evaluating project and project systems, and conducting quantitative research into capital project issues and trends. This course is specifically based on IPA's database of hundreds of mining projects executed around the world, ranging from smaller sustaining capital projects to multi-billion dollar new mine developments.

**REGISTER ONLINE**  
[www.ipaglobal.com/events](http://www.ipaglobal.com/events)



## PUBLIC COURSES

No public courses currently scheduled

## PRIVATE DELIVERY

Contact us for details

## UPDATED COURSE

*New topics covered:*

**Project System Governance**

**Contracting Strategies**

**Construction Safety**

**EARN 16 PDUs**



## REQUEST INFO

### Australia

+61 3 9458 7300

### Brazil

+55 41 3028 9028

### Netherlands

+31 70 335 0707

### Singapore

+65 6567 2201

### United Kingdom

+44 118 920 7800

### United States

+1 703 729 8300

## COURSE TOPICS

<b>Project System Governance</b>	The key elements of a capital project system. The Benefits of a stage-gated process. How the use of an effective project delivery system affects overall project system performance.
<b>Pathway to Mine Development Success</b>	Components of IPA's Mine/Facilities FEL Indices. The key drivers of poor performance for mining projects.
<b>Developing High Performing Teams</b>	Why early team formation is critical to project success. IPA's Team Development Index (TDI). Best Practices for effective team development.
<b>Mine FEL: Orebody Definition, Location Factors, and Design Status</b>	Process steps for acquiring orebody data. Criteria for achieving Best Practical Orebody Definition, Location Factors, and Design Status. Common gaps that prevent projects from fully defining these components before authorization.
<b>Facilities FEL: Site Factors and Design Status</b>	How achieving Definitive rating for Design Status and Site Factors helps reduce risk. Common gaps that prevent most mining projects from reaching Definitive rating.
<b>Project Execution Planning</b>	How achieving Best Practical definition for PEP helps to reduce risk.
<b>Contracting Strategies</b>	Four key dimensions of contracting from an owner's perspective. Different types of contracting strategies and their performance, advantages, and disadvantages. Key factors to consider when developing a contracting strategy.
<b>Project Controls</b>	Project control Best Practices that drive improved project outcomes.
<b>Construction Safety</b>	The factors, project characteristics, and project practices that drive safety performance. MMM Industry safety performance drivers.

## WHO SHOULD ATTEND?

The program is intended for existing mining, minerals, and metals project managers and those who are moving into the project manager role in the near future.



[www.ipaglobal.com](http://www.ipaglobal.com)

**Why the IPA Institute?** The IPA Institute is the training and education division of Independent Project Analysis (IPA), the world's leading advisory firm on capital projects. Our courses equip industry leaders and capital project practitioners with Best Practices for projects, portfolio, and project system management/delivery. All course instruction, presentations, and supplementary course materials are rooted in IPA's unparalleled capital project knowledge.