

# RPMGLOBAL

## Open Cut Coal





RPMGlobal's expertise spans across all key mining regions, methods and commodities globally. RPMGlobal partners with Mining clients and Investment firms to deliver bespoke and/or independent insights and advice based on our strong understanding of the requirements of the mining industry and its financiers.

Through frameworks, technology and deep domain knowledge we bring solutions to miners to systemise operational improvement and continue to improve cost structures, increase productivity and create value across the whole mining value chain.

*Encompassing 50+ years of experience and the delivery of over 16,000 studies and reviews across all key mining regions of the world.*

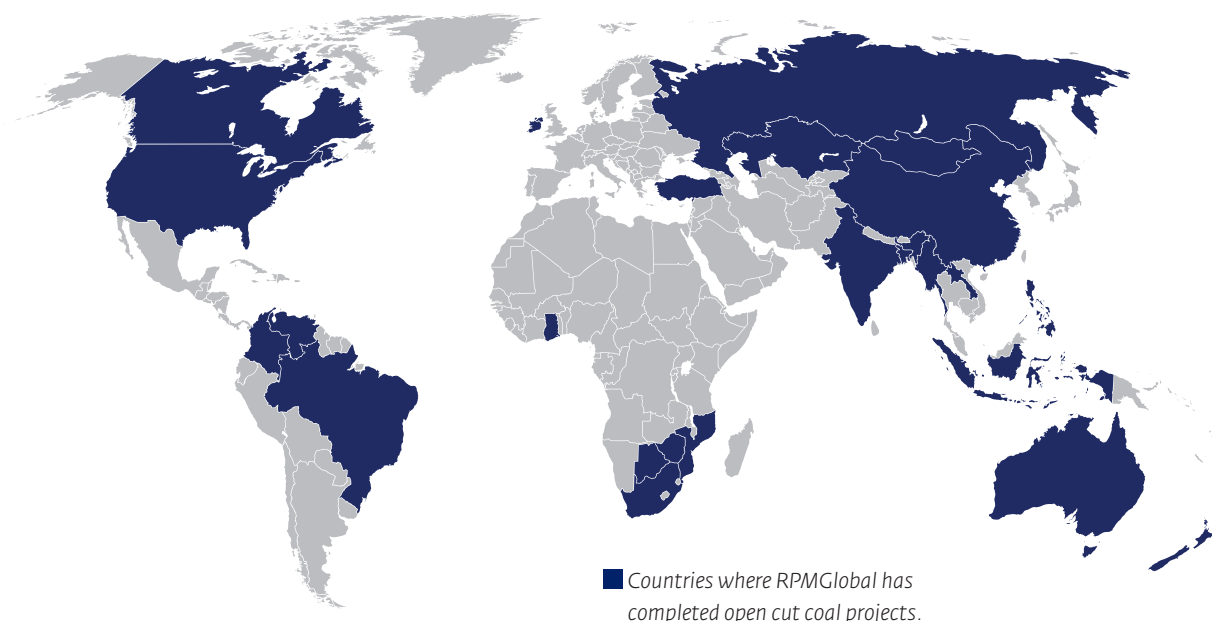
Strategic techno-economic planning has always been part of our DNA and our continued investments in people and systems ensures that it will be into the future. Our ability to embrace new generation technology solutions allows for increased optionality in studies and reduce decision timeframes. Our proven approach helps us derive the greatest economic gains for our clients through accurate, practical advice combined with the application of our technology solutions. It is this powerful combination that brings greater visibility and understanding of the impact of business decisions before they are made.

## Whole of Business Advice During a Mine's Lifecycle

EXPLORATION	Target Generation	Target Prioritisation	Program Execution	Procedures and Compliance	Resource Estimation	Conceptual Economic Assessment
PROJECT FEASIBILITY	Strategic Trade-Off Studies	Mining Method Studies, e.g., IPCC, Autonomous vehicles	Studies (Scoping to Detailed Feasibility)	Metallurgical Test Work Management	Reserve Estimation	Peer Review and Audit
PROJECT FUNDING	Investor Readiness Advisory	Independent Lenders Engineer	Merger & Acquisition Support	Compliance Reporting (ASX, HKEx, TSX, AME, LSE, SGX)	Valuation (Valmin, CIMVAL)	Environmental and Social Assessment
MINE IMPLEMENTATION	Project Execution Planning	Construction Monitoring		Detailed Start-Up Mining Plan	Technology and Operational Improvement Frameworks	Environmental and Social Management Plans
MINE OPERATION	Strategic and Operational Mine Planning	Grade control and reconciliation advisory	Optimisation and Improvement Projects	Project Cost Audits and Analysis	Process Audit, Training and Support	Economic Modelling and Budgeting
MINE CLOSURE	Project Extension Planning	Strategic Closure Advice	Mine Closure Planning	Post Closure Audits		

## Global Footprint

RPMGlobal has successfully completed over **4,000 open cut coal projects** over the last 50 years, in all of the major coal producing regions around the world.



## Examples of Projects Completed

CLIENT NAME	PROJECT	STUDY TYPE
<b>AUSTRALIA</b>		
Anglo Coal Australia	Dawson, Drayton	Mine Planning Support, Equipment Selection (IPCC)
BMA and BMC	Blackwater, Peak Downs, Poitrel, Saraji, South Walker Creek	Mine Scheduling and Economic Modelling in numerous projects
Wesfarmers	Bengalla	Mid-Term and LOM Planning including Expansion of Operations, Large Dragline Options and Analysis
BHP Energy Coal	Mt Arthur	Conceptual Study, Mine Planning, Equipment Selection and Costing
Rio Tinto	Mt Thorley & Warkworth	Technical Review, Detailed Dragline Design, Dragline Strip Design Optimisation
BMA	Caval Ridge	Feasibility, JORC Reserves Statement, Mine Valuation Study
Yancoal	Multiple Projects	Due Diligence for Parent Company, HKEx CPR including Statement of JORC Resources & LOM Schedule Optimization and Reserves
Gunnedah Basin - Various Clients	Maules Creek, Shenhua Watermark, Whitehaven Coal	Numerous Reserve Statements and Mine Planning Studies
<b>INDONESIA</b>		
PT. Kideco Jaya Agung	Kideco KCMJ LOM JORC 2015	KCMJ LOM JORC 2015, Mine Plan, Resource & Reserve
PT. Inti Tirta Prima Sakti	ITPS KCMJ Report	KCMJ Report, Mine Plan, Resource & Reserve
Bumi	Kaltim Prima Coal	JORC Resource & Reserve Review, Project Options Study
Kideco Jaya Agung	Kideco	Wireframe and Stratigraphic Geological Modelling, Resource and Reserve JORC Estimation & Life Of Mine Plan
Berau Coal	Berau	Model Review, Resource and Reserve Estimation, Life of Mine Planning
Supra Bara Energi	SBE	Short Term Mine Planning Support Geology Modelling, Reserve and Resource Estimation
Adaro Indonesia	Adaro	Long Term Mine Planning Support, Alternative Mining Method Studies
PLN Batubara	Muara Enim Coal Project	Geological Exploration Advice, Geological Modelling and Resource Estimation

## Examples of Projects Completed (continued)

AMERICAS		
Texas Oklahoma Coal Company	Akoma Basin	Mine Planning
Barrick	Beluga	Scoping Study
The Pittsburg & Midway Coal Mining Co.	Kemmerer Mine	Mine Study
Cerrejon	El Cerrejon	Pit Optimisation Studies
Teck Coal	Ford River	LOM Conceptual Mining Study focused on Upfront Strategic Mining Options Study
Luminant	Various sites in Texas, USA	Mine Planning
AFRICA & INDIA		
Riversdale Mining	Zambeze, Benga	Scoping Study, Pre-Feasibility, Feasibility Study, Mining Contractor Tender Process and Evaluation
Strategic Energy Technology Systems	Orissa Coal to Liquid Plant	Feasibility Study
CHINA		
Sojitz Corporation	Xuzhou (Jiangsu) and Lanshan (Shandong) Coal Washery	Due Diligence
Shenhua	Inner Mongolia	Technical Review / Auditsdy
AngloCoal (Beijing)	Xiwan	Pre-Feasibility Study
MONGOLIA		
Mitsui Coal	Tavan Tolgoi	Technical Review of Tavan Tolgoi Coal Mine Development Project
Gobi Coal & Energy	ShineJinst	Pre-Feasibility Study, Detailed Start-up Mine Plan
Mongolian Mining Corporation	Baruun Naran and UHG	Pre-Feasibility Study - Coal Reserves Review and Mine Plan
South Gobi Sands	Ovoi Tolgoi	NI 43-101 Technical Reports - Resources and Reserves
TURKEY		
US Trade and Development Agency	TKI Coal Enhancing Facility	Desk Study Report
RUSSIA		
SUEK	Pavlovskoye 2	Geological Modelling, Strategic Mine Planning and Scheduling Software Implementation
North Pacific Coal Company (Tigers Realm Coal)	Amaam North	Options Study and Prefeasibility Study
Gazprombank	Elga Coal Operation	Detailed Technical Due Diligence of Resources, Reserves, Mining & Beneficial Facilities
Mechel Steel Group	Russian Operations	Evaluation of Mine Operations, Reserves, Quality and Mine Plans

## About RPMGlobal

RPMGlobal is the global leader in the digital transformation of mining. We provide data with context, transforming mining operations. Our Enterprise approach, built on open industry standards, delivers the leading digital platform that connects the systems and information and seamlessly, amplifying decision-making across the mining value chain.

RPMGlobal integrates the planning and scheduling, with maintenance and execution, with simulation and costings, on RPMGlobal's Enterprise Planning Framework, the mining industry's only digital platform that delivers insight and control across these core processes.

RPMGlobal's Consulting & Advisory Team advise the global mining industry on their most critical issues and opportunities, from exploration to mine closure. Their deep domain expertise, combined with their culture of innovation, and global footprint, ensures our mining customers continue to lead.

RPMGlobal is the global leader in Enterprise mining software, Consulting & Advisory services and Professional development who operate offices in 20 locations across 13 countries and have worked in over 125 countries.

For more information visit [rpmglobal.com](https://rpmglobal.com) or email [info@rpmglobal.com](mailto:info@rpmglobal.com).