

The background is a photograph of an industrial facility, likely a metal processing plant. Large, rectangular metal sheets are being processed, with some showing a bright orange glow, possibly from heat or a specific lighting effect. The sheets are supported by a complex metal frame. In the upper left, there are yellow pulleys and cables. The overall scene is industrial and technical. Overlaid on the image are various graphic elements: a dashed white line forming a circle, a dotted white line forming a path, a white circuit-like pattern with dots and lines, and a white hexagon with arrows pointing towards its vertices.

**RPM**GLOBAL

## Base Metals

Copper, Lead, Zinc, Nickel, Molybdenum, Tin



RPMGlobal's (RPM) expertise spans across all key mining regions, methods and commodities globally. RPM 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 13,000 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.

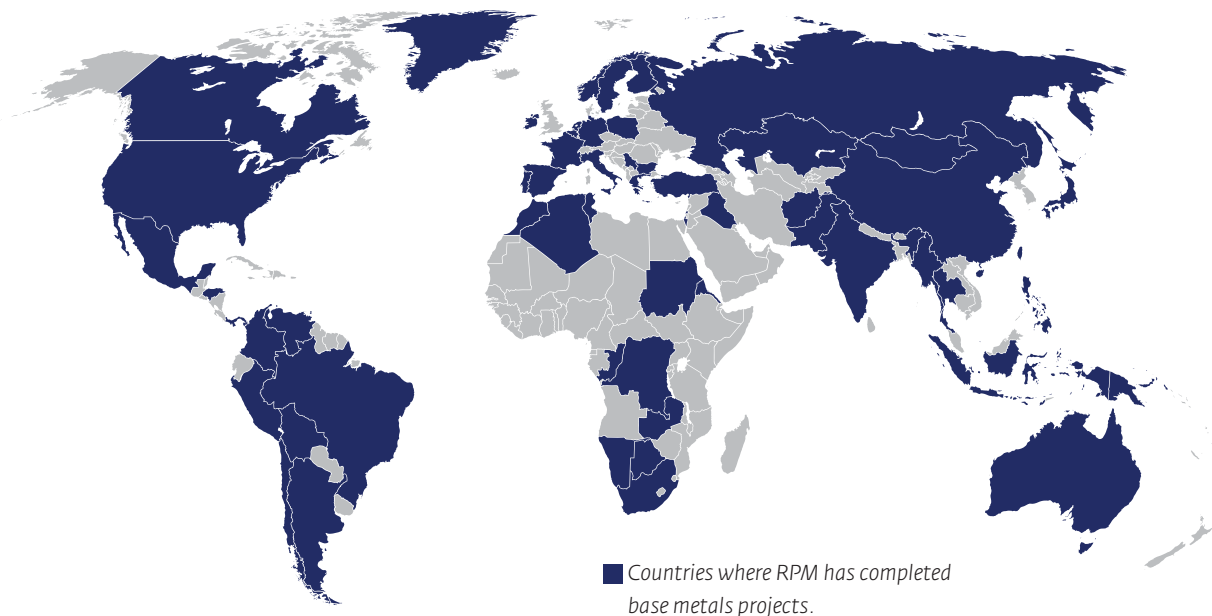
## Whole of Business Advice During a Mine's Lifecycle

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 completed over **1,000 base metals projects globally**, spanning **more than 50 countries**. We have worked in the major metallogenic regions around the world including:

- Proterozoic/Archaean Base Metal Provinces (Broken Hill, Mt Isa, McArthur River) - Australia
- Gawler IOCG Province - Australia
- North America Porphyry Terrain - USA and Canada
- Andean Porphyry Terrain - Chile, Peru and Argentina
- Mississippi Valley Pb-Zn
- North American Clastic Dominated Pb-Zn Deposits
- Indonesia - New Guinea - Philippines Porphyry Terrain
- East Eurasia Scarn and Vein Deposits - China and Russia
- Central Asia Porphyry Belt - Mongolia and Kazakhstan
- West Australia Archaean Craton Nickel - Australia



## Examples of Projects Completed

CLIENT NAME	PROJECT	STUDY TYPE	REGION	COMMODITY
<b>AUSTRALIA</b>				
Confidential Chinese & Australian Investors	Nickel West Mining & Smelting	Technical Review for Potential Acquisition	Greenstone Belt, WA	Nickel
Roche/Eltin Joint Venture	Century Mine	Development and Implementation of a Budget/Scheduling/Reporting System	Mt Isa Inlier, QLD	Zinc, Lead, Silver
McArthur River Mining	McArthur River Mine	Business Process Mapping	McArthur Basin, NT	Zinc, Lead, Silver
Xstrata Zinc	Handlebar Hill Mine	Mine Expansion Study	Mt Isa Inlier, QLD	Zinc, Lead, Silver
MM Mining	Walford Creek	Conceptual Mining Study	Mt Isa Inlier, QLD	Copper
Compass Resources	Browns Project	Oxide Pit LOM Mine Plan	Pine Creek Geosyncline, NT	Copper, Cobalt, Nickel
Oz Minerals	Prominent Hill	Technical Review of Development Plan	Gawler Province, SA	Copper
BHP Billiton	Olympic Dam Mine	Life of Mine Asset Plan	Gawler Province, SA	Copper
BHP Billiton	Leinster Nickel Project	Resource Estimation	Norseman-Wiluna Greenstone Belt	Nickel
<b>NORTH AMERICA</b>				
Freeport-McMoRan	North American Copper Mines	Annual Resource & Reserves Audit	Arizona & New Mexico	Copper, Molybdenum
Doublestar Resources	Sustut Copper Mine	Reserve and Mine Plan Study	British Columbia Red Bed Copper	Copper
Tamerlane Ventures Inc.	Pine Point	NI 43-101 Technical Report	Western Canada Sedimentary Basin	Lead, Zinc
Lisbon Valley Mining	Centennial Deposit	Resource Block Model Update	Utah, Sandstone Hosted Copper	Copper
Encampment Resources	South Filson Creek Project	Technical Report	Keweenaw-Duluth Complex	Nickel, Copper, Cobalt
The Doe Run Company	Southeast Missouri Operations (SEMO)	Reserve Audits (since 1997)	Viburnum Trend	Copper, Zinc, Lead
Mitsui & Co. (USA) Inc.	Pumpkin Hollow Copper Pit	Fatal Flaw Review	Nevada	Copper

## Examples of Projects Completed (continued)

SOUTH AMERICA				
TonenGeneral Sekiyu K.K.	Multiple Copper and Coal Mining and Smelting Assets	Technical Review for Equity Valuation of the Los Pelambros, Los Helados, Collahuasi, Escondida, Caserones and Quechua Copper Mines	Chile and Peru Copper Porphyry Belt	Copper, Gold, Molybdenum
Minera Escondida	Escondida Mine	Mass Movement Mining Option Study	North Chile Porphyry Copper Belt	Copper
Vale	Salobo	Due Diligence Audit	Carajas Mineral Province	Copper, Gold
JP Morgan Chase Bank	El Abra	Technical Audit of the El Abra Copper Project Region II Chile	North Chile Porphyry Copper Belt	Copper
Minera El Tesoro	El Mirador Copper Oxides Project	Technical Due Diligence Review	Region II Chile	Copper
Quadra FNX Mining Ltd.	Sierra Gorda	Technical Report	Antofagasta Region	Copper, Molybdenum
CHINA				
China Daye Non-Ferrous Metals Mining Ltd.	Four Copper Mines, Smelter and Precious Metal Refinery	Technical Consulting Services and the preparation of a JORC Resource and Reserve Statement for inclusion in a HKEx Circular	Hubei, Polymetallic Scarn Region	Copper
China Polymetallic Mining Company Limited	Yunan Pb Zn Ag Project	Technical Advisory and Independent Technical Review	Sanjiang Fold Belt Sediment Hosted, Pb, Zn, Ag Province	Lead, Zinc, Silver
China Gold International Resources Corp. Ltd	Tibet Jiama Cu NI 43-101	Completion of a Pre-Feasibility Study and preparation of an NI 43-101 and HKEx Technical Report.	Gangdise Copper Metallogenic Belt	Copper, Molybdenum, Gold, Silver, Lead and Zinc
AFRICA				
China Molybdenum Company Limited	Tenke Fungurume Mine	Independent Technical Review, JORC Resource, LOM and Reserve updates and HKEx CPR	Katanga Province	Copper, Cobalt
First Bank of Nigeria	Etoile Mine	Independent Lenders Engineer	Katanga Province	Copper
Blackthorn Resources Limited	Mumbwa Copper Project	Scoping Study followed by mining section of a Pre-Feasibility Study	Central Zambia	Copper
Katanga Mining	Kolwezi Project	Comparison of Contractor vs Owner Mining Operation	Katanga Province	Copper, Cobalt
MONGOLIA				
Erdene Resources Development Corp	Zunn Mod	Geologic Review, Resource Report, PEA, Engineering Technical Advice, Pit Optimisation, Metallurgical Testwork and Economic Modelling	Gobi Metallogenic Belt	Molybdenum
Nalgar Khundii LLC	Nalgar Khundii Porphyry Copper Exploration Project	Geological Review, Exploration Advisory & JORC Resource Estimate	Gobi Altai Metallogenic Belt	Copper, Gold, Molybdenum
SOUTH EAST ASIA				
Myanmar Wanbao Mining	K and L Copper Porphyry Mines	NI 43-101 Mineral Resource and Mineral Reserve Estimates and Mine Plan Optimization	Myanmar	Copper, Gold
First Gulf Bank	Batu Hijau Project	Independent Technical Review	Indonesian Island Arc Porphyry Belt	Copper, Gold
Export-Import Bank of the United States	Batu Hijau Project	Site Visit Report Baut-Hijau Gold/Copper Project	Indonesian Island Arc Porphyry Belt	Gold, Copper
Xstrata Copper	Tampakan Copper Project	Peer Review of Feasibility Study, Short Term Scheduling	Philippines Island Arc Porphyry Belt	Copper, Gold
Pala Investments AG	Ban Phuc Mine, Vietnam	Technical Smelting Study	Son La Province, Vietnam	Nickel, Copper, Cobalt
PT Aega Prima	Bangka Island Tin Project	JORC Mineral Resource and Ore Reserve Estimation and Pre-Feasibility Study	South East Asian Tin Belt	Under Sea Tin
RUSSIA				
Amur Minerals Corporation	Kun-Manie Project (5 identified deposits)	JORC Mineral Resource Estimates, Conceptual Open Cut and Underground Studies and PFS level OPEX build up	Archean Kun-Manie Massif, Russian Far East	Nickel, Copper, Cobalt
Voskhod-Oriel LLP	Voskhod Chromite Mine	Operational, Resource and Reserve Audit, Procedure Development and Long Term Training of Local Staff. JORC Resource and Reserves	Khromtau District, Kazakhstan	Chromite

## 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 RPM's Enterprise Planning Framework, the mining industry's only digital platform that delivers insight and control across these core processes.

RPM'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.

RPM are the global leader in Enterprise mining software, Consulting & Advisory services and Professional development who operate offices in 23 locations across 13 countries and have worked in over 125 countries.

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