

GLOBAL RESOURCE S O L U T I O N S

Managing tomorrow's opportunities today



Our Mission

Our mission is to identify and nurture working relationships that allow us to develop a business environment of excellence, knowledge and trust, with a transparent approach to our daily business activities, assisting both our clients and staff in the realisation of their objectives.

Our Vision

Our vision is to become the industry leader, recognised by the market for delivering excellence by returning value to stakeholders, through the realisation of goals within a common framework of integrity and respect.

Our Values

Our values structure underpins our approach to employees and clients alike. We firmly believe that our collective:

Attitudes

and

Beliefs

structure our corporate and individual

Commitment

COMPANY OVERVIEW

Global Resource Solutions (GRS) provides Business Improvement, Feasibility Studies and Project Management expertise to the petroleum, mining and chemical processing industries. We service a niche market where clients value professional and objective services that are independent of engineering, construction and software contractors.

During the last five years we have successfully completed more than 100 assignments for resource clients globally, and are currently involved, either directly or indirectly, in managing projects and studies with a gross value in excess of US\$9 billion.

GRS' combination of dedicated and experienced professionals, coupled with proven management processes, radically progress our clients towards achieving their objectives on time and within budget. Clients typically use our combination of services to support work throughout the life cycle of a project, from scoping, through design/construction and hand over, to operation and plant optimisation.

Working as a team with our client's personnel, we operate under the principle "no secrets, no surprises".

GRS has a market presence in Asia, Europe, Africa, Australasia, North and South America servicing a range of global clients.



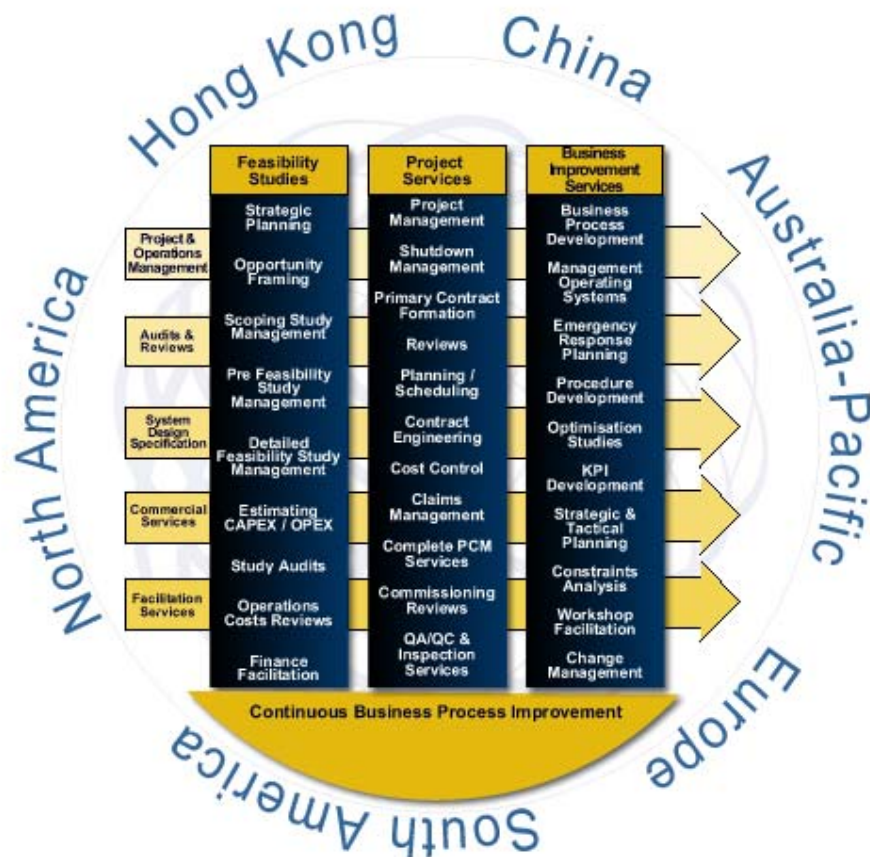
COMPANY STRUCTURE

GRS services centre around three core business streams, these are:

Feasibility Studies – Expertise in management and execution of scoping, pre feasibility and detailed feasibility studies. These services typically include study management, CAPEX/OPEX estimations and audits/reviews.

Project Delivery and Support Services – People and processes focused on managing project delivery for, and on behalf of, the owner throughout the entire project life cycle. GRS’ services include contracting and project delivery strategy formation, project management, commercial services management, commissioning management and associated support services. GRS focuses on providing owners’ teams with controlled and managed project outcomes.

Business Improvement – A team of professionals with experience in Business Process Development and Risk-Change Management. Business improvement services are applied to capital project development and operating areas of a company.



GLOBAL BUSINESS SERVICES

Study Management

The study management business stream of GRS provides a staged approach to project development through the application of the company project management system. Our study managers bring with them excellence in client study management, this expertise is supported by procedures, templates and standards. Attention to detail during the three study phases of the project life cycle is critical to ensuring the optimum option is developed to a level that will support project approval and funding. This process is fundamental to selecting the correct project configuration and securing a predictable project outcome which is an inherent culture and ethos within the GRS fraternity of feasibility study managers.



Andrew Skalski – Manager Feasibility Studies

Andrew heads up the GRS team of study managers and is a senior Project Development Consultant. Andrew has over twenty years experience in both corporate and operational roles with major resource companies. He has achieved great success in the management and optimisation of complex processing operations, and detailed study management for complex remote projects. Andrew has extensive experience in the integration of major plant expansions and associated cultural change to achieve clients' business objectives.

Project Delivery

GRS' project delivery focus is on providing clients with predictable project outcomes through the application of processes, people and tools to deliver a risk minimised environment. Our business processes have been developed from first principles, drawing on key resources with years of experience in delivering successful projects, whilst our people are a blend of senior experienced professionals from a diversified range of proven backgrounds. We are able to provide specialist services in all areas of project management and delivery, each service is supported by our business process model and focuses on delivering successful project outcomes that realise our clients' business objectives.



David Bollands – Manager Project Services

David has over twenty years experience in capital works project management in the oil and gas and mineral processing industries. Diversified past assignments have provided an extensive exposure to all aspects of capital works project management from pre feasibility to construction, commissioning and client hand over of major plants both in Australia and overseas.

GLOBAL BUSINESS SERVICES

Commercial Management

The commercial service team provide a wide array of commercial services including strategic contract formation, standard proven forms of contract for EPCM, EPC and Construction contracts plus other consultancy services. The services range also includes adjudication, claims management and resolution, and contracts administration with services offered on a full time or as-required basis. We consult to clients with short-term requirements, as well as providing experienced personnel to undertake the commercial roles on various projects. Our personnel bring with them expertise in all facets of commercial management, including contracts, project controls and project 'rectification'; and are supported by procedures, templates and standards.



Matthew Hender – Commercial Services Manager

Matthew specialises in contract formation, negotiation, project commercial establishment and claims management. His experience base includes project controls; contract development, assessment and negotiation; contract administration; claims management; and project management. Matthew has been exposed to commercial experience working for owners, contractors and consultants,

and is ideally placed to identify and meet our clients' needs.

Cost Management

Cost control management is vital to the successful delivery of predictable project outcomes from feasibility to completion and operation of capital development projects. The expert establishment of cost control procedures and systems, and their ongoing maintenance provides the tools for tracking project change, commitments; expenditure; and variances. The tools also provide the necessary cost forecasting critical to the realisation and delivery of a project on budget and to stakeholder expectation.



Steven Soh – Lead Project Controls Engineer

Steven has in excess of 12 years experience in varying design, construction and project management roles across a range of complex engineering projects. He has worked in the United Kingdom, Singapore, South America and throughout the Australian Pilbara region in the north west of Western Australia. His work now focuses on cost control management. Steven recently established the cost control system for what is currently the largest capital development project in the Southern Hemisphere, valued at US\$18 billion. Several site roles have provided Steven with extensive in-field experience and he is able to design and implement cost management systems for individual client needs.

GLOBAL BUSINESS SERVICES

Business Process Solutions

GRS takes the common-sense position that operations management systems need to include clearly defined objectives, quality plans based on realistic expectations and the necessary business processes to systematically assign and follow-up work to deliver high performance.

Our business process analysis, design and implementation approach can be applied start-up operations, expansions/consolidations or existing operations. Our solutions work at a level that can be readily understood, accepted and applied by all levels of the workforce.

Through our detailed review of material flow and supporting management systems, we identify opportunities to secure immediate, tangible benefits that build an ongoing appetite and capability for improvement. Our project teams have a strong operations background and are skilled in organisational change management to enhance long-term sustainable outcomes.



Rod Henham – Manager Business Improvement Services

Rod has over 20 years experience in the resources sector in business process development and implementation. He has managed both operational and business improvement projects in mining, processing, maintenance and project management.

Rod's strong analysis, design, implementation and facilitation skills allow him to provide business improvement services from project scoping to commissioning and ongoing operations management.

Risk Assessment and Management

Risk management is a key activity in the delivery of predictable project outcomes and defined organisational objectives. Appropriate identification, classification and reporting of the inherent and residual risk profile of an organisation provides management with an appreciation of the control environment within which it operates. This allows for a proactive and forward thinking culture that promotes effective, efficient and economical organisational operation and performance management with a focus on outcomes.



Mario Del Fabbro – Principal Business Process and Risk Management Consultant

Mario has nineteen years experience in audit, accounting, quality assurance, risk and business process management. He designed and implemented our integrated risk management processes within the GRS business process model and has specialised skills in the areas of facilitation, risk assessment, business and operational change management and audit.

GLOBAL BUSINESS SERVICES

Commissioning Management

Commissioning management is an integral part of project management, focussing on ensuring commissioning commences on schedule, optimising sustainable throughput, and minimising commissioning and ramp up time. Through the development of optimum operating practices, we work with client teams to minimise plant downtime during commissioning and ensure sustainability by providing rapid outputs.



Daniel Vorster – Commissioning Manager

With over 25 years experience working on international industrial and mining projects, Daniel has a wealth of experience and a demonstrable record of achieving outstanding results for our clients in various management roles including Project Manager, Commissioning / Area Manager, and Lead Project Engineer. His key achievements include successfully designing, supervising, commissioning, and maintaining four large, high-tech projects from greenfield stages through to production, including the review and management of design and installation of a \$275m wet concentrating and mineral separation plant.

Environmental, Health and Safety Services

GRS recognises that it is of vital importance of integrating Environmental, Health and Safety (EHS) into the entire project management process. We provide a complete service that assists our clients in the delivery of a project on time, on budget, without injury or damage to the environment.

We provide project services either as integrated packages delivered by our project management team, or as standalone processes which allow the client to audit or implement “as required” services. Key specialised areas include project set-up, risk appraisal and work methodology and practices.



Terry Knowles – Occupational Environmental, Health and Safety Management Consultant

Terry's experience, spanning more than 18 years, covers marine engineering, construction and occupational health and safety in the onshore/offshore oil and gas engineering and construction industries, as well as related marine operations. Through a variety of HSE advisory roles, he has been successful in advancing safety management through quality plans and procedures, managing contractor safety, designing and delivering safety training, and Job Hazard Analysis (JHA) activities.

REGIONAL BUSINESS SERVICES

Project Development – North America



Alan Popp – Lead Project Development Consultant

Alan has forty-five years of operations and corporate management experience in mining, metallurgy, chemical processing, petroleum, and energy generation and utilisation worldwide. He is particularly adept at project and study management in resources and chemical processing industries and has managed the exploration and development of mineral resource projects in Australia, Malaysia, India, West Africa, South Africa, Guinea, Brazil, Canada and North America.

Alan is also experienced in all the elements of successful projects including funding, governmental approval, selection and management of the engineer/constructor, and developing the operational organisation.

Project Development – UK



Roger Craddock – Lead Project Development Consultant

Roger has over twenty-five years experience in project development for various mineral processing projects. His current focus is on the viability of new deposits and prospective acquisition for various clients. He has expertise in project evaluation and development, operational management, company establishment, setup and operation.

His past roles have included Director of Projects for Normandy LaSource.. Roger has managed and coordinated concurrent projects through the various stages of the project development life cycle across various global locations acting as Project Director.

REGIONAL BUSINESS SERVICES

Project Development – China



David Kast – Lead Project Development Consultant

David has over 20 years experience in engineering related industries. His business experience covers, petrochemical, transport, power-generation, mining, manufacturing, risk analysis and risk avoidance.

David is also successful in the management, optimisation and risk reduction of complex engineering operations, project management, and cultural differences involved in multi national projects. He has experience working, in New Zealand, Australia, England, Thailand, Malaysia, Hong Kong and has been active in China for the past 4 years.

Having spent the last decade in Asia, David's skill sets are ideally suited to the dynamic Asia/Chinese market place.

David is also experienced in working closely with government or regulatory authorities, enabling project to progress smoothly from design to completion.

Project Development – Peru



Gary Farmer – Lead Project Development Consultant

Gary has over twenty five years experience in project management, with a demonstrable record of delivering projects within Australia and overseas in various challenging environments. A qualified Mine Manager, Gary is practical, energetic and possesses excellent people and management skills. With extensive exposure to all elements of the mining industry, Gary brings proven and practical problem solving abilities to all areas of project management including project setup, detailed planning and project delivery.

He recently demobilised from the construction management of five projects, including an Isasmelt furnace, two sulphuric acid plants and associated acid storage and infrastructure projects for a large brownfield hydro-poly metallic upgrade in the Peruvian Andes.

As with all personnel and leaders, health and safety, employee relations and environmental impact are key success criteria; Gary continuously delivers against these areas whilst working across a range of industries and locations.

CORPORATE EXPERIENCE

Client Base

We have an extensive client list, covering resources, utilities and charity. Some of our more recent clients include:

Chevron	Woodside Energy Ltd
BHP Billiton Ltd	Rio Tinto Ltd
Barrick Gold Corporation	Newcrest Mining Ltd
Activ Foundation Inc	Water Corporation
Sphere Investments	Metal Sands Ltd
Trans Siberian Gold	Doe Run Company

Oil and Gas Experience

LNG	FPSO
FPU	Sub Sea Pipelines
Overland Gas Pipelines	Fixed Platforms

Chemical Processing Experience

Nickel Refining	Titanium Pigment
Alumina Refining	Fertilizers
Acid Plants	Lead / Copper Refining

Mining and Minerals Experience

Mineral Sands	Base Metals
Gold	Diamonds
Nickel	Bauxite
Tantalum	Coal
Iron	Lead

CONTACT DETAILS

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