



# BPS CAPABILITY STATEMENT

## Case Study: Mining Sector

### About Us

BPS is an Australian based project management contracting and consulting services with an extensive history of support for the mining industry. Our degree qualified and industry credentialled professionals have for many years safely and successfully delivered sustaining and minor capex projects in the iron ore, gold and coal mining and processing areas. Our team typically will embed within the mining clients team utilizing its project frameworks, systems, processes and templates. Where necessary or requested, BPS can provide complimentary project tools or templates as needed. We are fuel storage and dangerous goods experts, as well as experienced in large renewable energy (solar photovoltaic) installations. We have the know how to achieve planning and regulatory approvals for our client's projects.

### Safety & Environmental Philosophy

BPS strongly believes that all accidents are preventable and has a zero harm to people, plant and the environment values system and thus culture. BPS will implement the clients HSE policies and procedures for the safe and sustainable implementation of each project. A proactive approach is typically undertaken the planning for safety at scope definition stage, safety in design reviews, as well as constructability, operability and maintainability reviews.



### Finite Resources and Skills Shortages

BPS understand the constraints most mining operations face with a shortage or limited supply of resources such as utilities, power, water and people. Also, miners face the challenges of ongoing availability of skilled, mining experienced project managers with tertiary engineering qualifications to deliver their sustaining and minor project program. BPS assists its mining clients overcome these hurdles by providing project and construction managers experienced with the challenges of remote mining operations, who are university degree qualified and most have credentials with either the Australian Institute of Project Managers (AIPM) and or with the Project Management Institute (PMI), utilizing its project frameworks, systems, processes and templates. Where necessary or requested, BPS can provide complimentary project tools or templates as needed. We are fuel storage and dangerous goods experts, as well as experienced in large renewable energy (solar photovoltaic) installations. We have the know how to achieve planning and regulatory approvals for our client's projects.



## Services Provided

Types of services we provide our mining clients are; business case development and feasibility studies, planning for safety and environmental compliance, tollgate approvals, delivery, contracting and packaging strategy development, specification development and procurement planning, tender process management, contract award and management, detailed design oversight, including for example safety in design reviews, integration engineering and constructability reviews, design and construction integration, risk reviews, plant outage or shutdown planning and oversight, site construction co-ordination, commissioning and handover to operations

## Types of Mining Projects Delivered

A sample range of projects delivered for the mining sector include; raw materials handling upgrade, fuel storage facilities, shaft extensions or upgrades, shaft winder upgrades, cooling system upgrades, stockpile and grinding circuit upgrades, primary crusher repairs, leach tank strake replacement, tailings pump upgrades, studies for secondary water supplies and heavy plant maintenance facility extension, plant commissioning improvement.



## Project Delivery Performance Improvement

Our consultants are industry recognized sustaining and minor project delivery experts. We are highly experienced at undertaking performance health checks on behalf of clients to establish opportunities to improve their project delivery performance and optimize the value of every dollar of project or capital expenditure. This includes a review of skills and capabilities of project resources and the frameworks, tools and templates used to deliver projects. We can assist improvement in these areas and also provide coaching and mentoring of project delivery staff.

Our staff have won global corporate awards for the design and development of minor project frameworks and also service delivery excellence. Therefore, BPS consultants can assist you evaluate your project portfolio and your available resources to identify ways to extract optimum value.

## Featured Project

A BPS project success story involved client side project management for the delivery of a AUD\$35m raw materials handling upgrade within an operating facility. It involved nearly 800mm of new enclosed belt conveyors requiring difficult crane lifts in and around existing plant. Sixteen new ceramic lined transfer chutes were required to be installed, twelve of which were to retrofit into existing transfer points. All chutes were designed to successfully transfer both iron ore pellets or wet, high clay content iron ore fines. A series of short duration plant shutdowns were required to remove the old chute structures and install new. This required a high degree of constructability reviews, intensive and detailed planning, and effective contractor management skills. All chutes were safely and successfully installed and commissioned. To aid to project complexity, a four story high transfer tower was required to be dismantled by approximately 50% while still operating, and rebuilt with new equipment (see image). A new 95m long, 6m high retaining wall for iron ore stockpiling was also safely installed in and around an operating stockpile area with constant movements of heavy machinery (see image).