



PROJECT  
MANAGEMENT  
& ADVISORY  
SERVICES

## Capability Statement – Infrastructure

Project Development | Project Delivery |  
Supply Chain & Logistics | Procurement |  
Cost & Performance Optimisation

# OUR SERVICES



Siecap is a project management and advisory firm specialising in providing a full range of corporate and operational services across the asset and investment lifecycle assisting our clients to optimise cost, increase performance and manage risk.

Our specialist project delivery team includes Project and Program Managers, Project Directors and Business Analysts, these can be supplemented with other skillsets to support the individual needs of projects or programmes. In addition, we are able to provide these services via seconded personnel if required.



## OUR INFRASTRUCTURE OFFERING

We provide a full range of infrastructure advisory and project management services across roads, rail, ports in both urban, transport, mining and energy sectors. These services span the asset life cycle and include:





# CASE STUDIES



Our team has worked for a number of prominent energy and resource projects and organisations across Australia and internationally.

## ① PORT INFRASTRUCTURE – ECONOMIC MODELLING



Siecap team members led the development of long-term economic forecasts on the operation's cash flow and detailed optimisation of the debt structure of the WICET (Wiggins Island Coal Export Terminal) project. In addition, assisted in negotiations with the Queensland government surrounding the financial modelling, evaluation and commercial structuring of the WICET Terminal Operator Agreement.

## ② URBAN INFRASTRUCTURE – PROJECT DELIVERY



Siecap assisted the NSW Government agency, the Barangaroo Delivery Authority in the transformation from a disused container terminal on the edge of Sydney's CBD into a spectacular 22-hectare waterfront precinct. Siecap's role included managing all remediation works activities, associated contracts and budgets, as well as all levels of stakeholder engagement, including government agency, local community and other commercial stakeholders.

## ③ RAIL INFRASTRUCTURE



Over an 18-month period Siecap supported Transport for New South Wales in the overall program delivery and management of the Newcastle light Rail urban renewal project. The scope of Siecap's project management engagement included the overall management of all strategic, planning, procurement, health & safety, and stakeholder engagement processes associated with this landmark infrastructure initiative.

## ④ PROJECT PRIORITISATION – GOVERNMENT PROJECT



Siecap was engaged by Building Queensland (BQ), The Queensland Governments Major Project to develop a best practice project prioritisation framework that addresses both the required rigour, flexibility and local context; to provide objective and transparent advice to the Queensland Government that will ultimately enable better infrastructure decisions. This included a review of alternate global prioritisation frameworks to determine how other jurisdictions prioritise projects and their relating relevance and application for BQ's requirements.

## ⑤ URBAN INFRASTRUCTURE – PROJECT ASSURANCE



Siecap was engaged by the Queensland Department of State Development Special Projects Unit (SPU) to provide expert advice regarding the adequacy of existing program management arrangements. The purpose of the engagement was to review the current state processes and to propose a fit for purpose program management model to meet the evolving needs of the SPU. This included understanding the current full scope of SPU project management practices and the development and documentation of a fit for purpose program management approach for the DSD SPU.

## ⑥ MINING INFRASTRUCTURE – INDEPENDENT ASSURANCE



Siecap were engaged by BHP to assist in an Independent Assurance review of a major shaft rehabilitation project. The scope of the engagement was addressed in two sections: Execution Readiness and Capital Estimate and Project Schedule. The Siecap team worked closely with the owner's team to complete the assurance review that comprised of a detailed assessment of the project capital cost estimates, and schedule. These elements were all tested, as well as the overall interfaces between execution strategy, cost and schedule.

## ⑦ RAIL INFRASTRUCTURE – PROJECT MANAGEMENT



Siecap was engaged to provide project management for the assessment and optimisation of movements for freight movement in Sydney CBD as a result of the Sydney Light Rail project. As part of this role, Siecap was responsible for supporting the development of the business case, outlining alternate methods for deliveries. This included the assessment of benefits and cost optimisation for various options with a particular focus on developing an approach to the management of construction traffic in the CBD and the development of a strategic vision for CBD deliveries.

## OUR CLIENTS



# OUR TEAM



**DAVID IRVINE Chief Executive Officer**  
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David has nearly 20 years' technical experience as a business improvement and supply chain expert, providing innovative solutions to help minimise costs and increase project efficiencies. His technical qualifications include engineering and design solutions for large, complex projects from detailed design, board level approval and full implementation.



**SHAWN THOMPSON Project Management & Assurance**  
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Over 30 years of heavy industry experience in a variety of roles; Leading projects, operations and business improvement efforts in New Zealand, Australia, Saudi Arabia and South Africa. As a professional engineer, chartered technologist and experienced project director, Shawn has a depth of experience in design, operations and project management, all associated with the improvement, management and development of major industrial plant and operations with extensive experience both as an owner's representative and contractor, in preparing and executing projects to international model forms of contract.



**TIM CROSSLEY Advisory Board Member**  
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Tim is the former President and Chief Operating Officer with BHP Billiton's West Australian Iron Ore business. He was COO of ASX-listed Gloucester Coal and most recently Executive Chairman of Trans Tasman Resources in New Zealand. Tim has extensive experience in managing large complex operations with a focus on identifying innovation and improvement opportunities.



**JOHN HENDERSON Head of Advisory – Energy & Projects**  
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John has over thirty-five years' experience in major and mega project development that includes executive roles with oil and mining multi-nationals, to mid-tier and start-up energy companies. John has been certified as a Practicing Project Manager (CPPM) and has a thorough understanding of the theory and application of the entire project management life cycle.



**RICHARD MULDER Project Management & Integration**  
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Richard has over 15 years' professional experience in the energy and resources sector specialising in capital procurement processes, feasibility studies, legislative compliance policy & procedures and supply strategy and implementation. He has successfully led and delivered projects in Australia and North Africa for Caltex, BHP Singtel Optus, Crosslands Resources (a Mitsubishi Corporation Company), Lion Ore, Barrick Gold and Celamin Ltd.



**TROY HARPER Principal Advisor**  
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Troy's experience spans senior roles at large organisations including BHP, Rio Tinto, Deloitte and EY. His has worked across management consulting, mining executive and corporate finance advisory roles. Troy's skill base includes project management, commercial due-diligence, organisational change management and process improvement (Lean and Six Sigma), business valuation, strategy formulation and implementation, business improvement, and financial and risk analysis.

## OUR CULTURE

Our culture is built on respecting the relationships with our people, clients and partners, innovating, improving and adding value wherever possible, leading ourselves and operating with integrity in everything we do.

## OUR VALUES



### WE ADD VALUE

We take on challenges, solve problems and simplify the complex.



### WE OWN IT

We take initiative, keep our word, follow through and deliver results.



### WE FIND A WAY

We are flexible, resourceful and resilient.



### WE CONNECT

We build enduring relationships by listening to and finding out what really matters to our people, clients and partners.



### WE COLLABORATE

We are at our best when we get to know each other and our clients to understand their challenges and work together as a team to solve

## CONTACT

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