



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.



Barangaroo
Delivery
Authority

③ MINE TAILING DAM MIGRATION – PROJECT MANAGEMENT

Siecap was engaged by BHP to undertake a major planning and transformation strategy to enable the migration away from storing wet tailings in dams to dry storage across a portfolio of eight (8) operating coal mines in Queensland and NSW. Works included a strategic scenario planning and feasibility study for a major capital programme (>\$1b) over the medium to long term, encompassing multiple options around storage capacities, mine planning, geotechnical issues, approvals and investments, aggregated to portfolio level, and prioritised against capital, time and risk reduction profiles. Solutions identified integrated options to maintain business continuity and manage risk while aligning with BHP investment processes and governance requirements.



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

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.



Transport
for NSW

OUR CLIENTS



CALTEX



Mercedes-Benz



AngloAmerican



Wesfarmers



NEWCREST
MINING LIMITED



AUTONEXUS
Smart Automotive Solutions



Barangaroo
Delivery
Authority



agl



ascot
RESOURCES



MayurResources



PETRO DIAMOND AUSTRALIA



ANZ



walker



ERGON
ENERGY



Oji Fibre Solutions



INVESTA



LINFOX



Miele



sinarماس



Nexans



PORT OF BRISBANE
Here for the future



GVK



Siecap



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 in preparing and executing projects to international model forms of contract.



JONATHAN REES General Manager – Project Services
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Jonathan is a qualified professional Chartered Surveyor with a broad cost, commercial and project management background. In his career he has gained experience from project development, project delivery, project management advisory and business operational roles across several industries including construction, property and infrastructure. Jonathan has worked in various international locations including the UK and Asia Pacific.



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.



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.

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.

CONTACT

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