



Qubist Power Transmission and Distribution Capability Statement

Supporting operations and investment plans with strategic thinking

Qubist Pty Ltd is an advisory business that provides expertise to clients with utility and infrastructure assets. We help clients create greater value, new possibilities and superior outcomes from their assets and organisations.

Qubist personnel are recognised leaders in the review of major infrastructure assets. Our clients rely on our expertise and independence to provide accurate and commercially astute cost analysis as the basis for making informed investment decisions.

Equipped to Address Transmission and Distribution Challenges

We support clients' transmission and distribution businesses by providing expert advice on strategic planning, operational improvements and capital project systems.

The challenge

Our capability

Regulatory strategy	Qubist can assist in developing regulatory submissions or perform a cold eyes review of the regulatory strategy prepared by the client.
Governance	Qubist works to critically review clients existing governance and assurance processes to evaluate where the organisation's efforts are adding value and where the governance processes are adding burden without clear benefit
Portfolio planning	Qubist has extensive experience working with industries where a compelling demonstration of prudence and efficiency is essential for funding release. Portfolio planning tasks can include analysis of network performance results, and improvement opportunities as well as asset management plans, asset condition data and cost provisions.
Portfolio optimisation and project prioritisation tools	Qubist develops tools that dynamically prioritise projects using the projects' strength of merit against corporate objectives. Decision makers can weigh the relative importance each corporate objective to evaluate the gain, risk and loss associated within user defined resource capacity and capability.
Portfolio reporting tools	Qubist works with clients to define key leading and lagging indicators required to provide confidence in the overall performance and provide exception-based reporting to prompt management intervention





The challenge

Our capability

Project performance diagnosis and improvements	Using experience and data gathered from a wide range of small and large project portfolios Qubist is well placed to provide insightful analysis of systemic delivery performance and opportunities to improve.
Achieving reliable cashflow forecasts	Qubist understand the corporate imperative of achieving reliable cashflow forecasts. Qubist creates risk adjusted cashflow forecast tools that are driven by empirical project and program data relating to project level of maturity, current cost/schedule forecasts and historical spend profiles.
Organisation transformation	Qubist can help client develop organisation transformation through a change management process that stewards individual change initiatives.
Commercial strategy	Qubist can help align the balance of internal and external delivery of works with the portfolio requirements, internal resources constraints and market capability. Qubist can help develop the outsourcing strategy, package the works, define a compensation approach and help get the contracts to market in a way that delivers on the targeted strategy.
Organisation redesign	Qubist can help diagnose organisational improvement opportunities and then support implementation a staged approach to employee consultation and rollout of organisation changes. Qubist will prepare supporting documentation including the case for change justification, role description, communications plan and communications packages.
Demonstration of continuous improvement	Qubist applies advanced techniques to identify continuous improvement trends. Qubist can relate project improvement practices to outcomes after carefully normalising for changes in project scope and execution environment.
Portfolio risk management	Beyond simply an aggregation of the risks of component projects, Qubist's approach to portfolio risk management considers correlated risk across pools of projects including labour supply risk, regulatory risk and supply markets.





Prior Experience of Individuals in our Team

Our professionals provide a depth of experience and knowledge across a wide range of industry sectors. Prior experience of individuals in our team is listed below.

Power, Transmission and Distribution



- Technical Due Diligence NSW Poles and Wires
- PMO services for a major power generator including overview of major maintenance alliances
- PMO establishment for a major distribution company
- Regulatory, strategic asset management and investment advisory services for major utilities in Australia
- Business Transformation Support for a major NSW utility
- Bushfire management program for a major distribution company
- Portfolio Optimisation, Prioritisation and Allocation for a major multibillion program of works based on a multicriteria for a major transmission and distribution company
- Delivery of major Capex program of works for major power generators
- Due Diligence for renewable projects - ARENA and private sector
- Capex and Opex Economic Benchmarking for major utilities
- Blended Delivery contracting for major Capex works for a major utility
- Collaborative contracting for major program of works for a major power generator
- Business Case, Financial and Commercial strategy including go to market for major haul and load long term operations for a major power generator

Research and Papers



- Optimum Portfolio Optimisation and Prioritisation for Energy - Macquarie Applied Finance international Energy Series

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