GHD Advisory is an integrated part of GHD, one of the world’s leading professional services companies. GHD Advisory addresses the need for business outcomes that challenge the status quo in our rapidly changing environment, assisting clients to boost outcomes in the Capital (plan), Create (design and construct) and Optimisation (operate, maintain and dispose) phases of their projects.

With more than 90 years in operation, across five continents, in 200+ offices, we have a track record of delivering insightful advice and responsive technical services for our clients across the entire asset value chain.
Beyond engineering

Our offering is based on an integrated package of services across the lifecycle; from when infrastructure or assets are planned, designed and constructed, through its operations and maintenance, and eventually to decommissioning, closure or re-purposing.

What makes the real difference is our specialist domain knowledge, so that if we prepare an economic business case for a new project, we have the ability to add value through its design and manage construction. Alternatively, if a client wants to close and dispose of some assets, we understand not only the business and financial implications, but the remediation or re-purposing process itself.

Ultimately, it’s about our clients having more confidence in the advice they are receiving and our goal is to help asset owners improve infrastructure delivery and operations, supporting the long-term sustainability of their businesses.

GHD Advisory enables us to leverage our global connected network, providing clients with access to the full suite of services we have to offer to achieve outcomes that are beyond engineering.

Our service offering includes:

- **Asset Management**
  - Strategic asset management, leadership and policy direction
  - ISO55001 maturity assessment, improvement planning and implementation
  - Whole of life integrated asset management solutions
  - Operational excellence consulting
  - Business systems integration and technology improvement
  - Lifecycle analysis using asset costing and valuation techniques

- **Infrastructure Investment & Economics**
  - Origination and transaction advisory
  - Benchmarking and analytics
  - Business case development
  - Finance and economic analysis
  - Logistics and infrastructure policy
  - Strategy and commercial

- **Risk, Assurance & Regulation**
  - Board and executive level risk and assurance advice
  - Enterprise, project and safety risk management
  - Operational and technical controls audit and advice
  - Economic regulation draft determination and submission development/review
  - Utility and infrastructure access arrangement advice

> EnergyAustralia has received ongoing strategic guidance from GHD Advisory, which has helped effectively manage our priority business/operational activities and some of our most critical major projects. In particular, their ability to seamlessly integrate extensive technical capability with robust risk based evaluation and commercialism means their advice has added real value and addresses our regulatory needs through an open and trusting partnership framework.

*Ron Mether, Manager Mining, EnergyAustralia Yallourn*
Outcomes

Sydney Water
Establishment and Implementation of an ISO 55001 Compliant Asset Management System
As Australia’s largest water utility, providing water and wastewater services to over 4.9 million people in the greater Sydney region, Sydney Water’s key challenge is to meet the service demands of a rapidly growing population while containing or reducing water charges to its customers. Optimal management of their AU16 billion asset base is crucial to achieving this, and the adoption of a formalised Asset Management System (AMS) compliant with ISO 55001 was seen by the organisation and its regulator as a way to achieve good practice and deliver increased value from its assets.

GHD Advisory was engaged to provide program management and technical leadership in the design, creation and implementation of the AMS within the tight deadlines imposed on Sydney Water under its operating licence.

The project successfully met its first critical milestone of the establishment of an ISO 55001 compliant AMS. GHD Advisory is continuing to assist Sydney Water to further implement and embed the system, leading preparations for the next milestone of formal certification.

Territory and Municipal Services Directorate (TAMS)
Strategic Asset Management Framework
The Territory and Municipal Services Directorate (TAMS) is responsible for managing roads, footpaths and cycle paths and operating the ACT public transport system as well as collecting and recycling rubbish, running public libraries and ensuring municipal infrastructure is in good working order.

TAMS engaged our team to assist in the development of a strategic asset management framework which included:

- Development of asset management policies, measures of level of service, a governance framework and asset management strategies
- Provision of training to facilitate the implementation of the new framework and the associated level of understanding to self manage
- Assistance in the development of business unit strategic asset management plans.

A key initiative in completing this project was knowledge transfer from our team so that TAMS maintain a strategic asset management approach into the future.

TransGrid
Informing capital investment in securing electricity supplies
Our risk, assurance & regulation team was engaged to find the most efficient, environmentally responsible and economically feasible response to emerging problems in a critical part of the New South Wales electricity network.

We produced a high profile report, which details a crucial element in the need for this major capital project. Our report concluded that the demand forecast developed for the area by TransGrid provides a reasonable estimate of the potential future demand and is appropriate for use in transmission network planning.

The forecast is defined within a range of increasing peak demands, with the most significant contribution to demand growth coming from large new customer loads that have sought connection to TransGrid’s network.
For more information about how GHD Advisory can drive value for your business, email us at advisory@ghd.com or contact:

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