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

- **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
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| **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 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 provided 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 license.  
The project successfully met the first two critical milestones of the establishment of an ISO 55001 compliant AMS and passed the Stage 1 certification audit.  
In an advisory capacity our team assisted Sydney Water to implement and embed the system for formal certification before June 2019. |
| **Dalrymple Bay Coal Terminal**  
Rehabilitation plan and rehabilitation cost estimate  
A rehabilitation plan and rehabilitation cost estimate was prepared for returning Dalrymple Bay Coal Terminal (DBCT) to its pre-construction state and condition, in accordance with legislation and good practice.  
GHD Advisory developed a rigorous technical framework, reflecting leading practices, to transform DBCT Management’s rehabilitation plan into a hierarchy of rehabilitation objectives informing the decommissioning, demolition, disposal, remediation and rehabilitation actions required to rehabilitate the DBCT site to a defined final landform. These actions were mapped into a rehabilitation cost estimate for the site.  
Our dynamic rehabilitation plan allowed DBCT Management to navigate the complex decision-making in asset closure, including managing rapid changes in materials, equipment, legislation and technology. |
| **New South Wales Treasury**  
WestConnex technical vendor due diligence on the sale of Sydney Motorway Corporation  
GHD Advisory provided technical due diligence on the 51% sale of the Sydney Motorway Corporation, one of Australia’s largest infrastructure transactions. The transaction includes WestConnex, a 33 km, predominantly underground tolled motorway that will allow motorists to bypass the Sydney central business district.  
Contracted by the New South Wales (NSW) Treasury to undertake technical vendor due diligence, our team reviewed and assessed risks related to geology and geotechnics, roadway and traffic engineering, traffic management, tunnels, ventilation, fire and life safety, durability, structures, electrical, lighting and electronic tolling systems, noise and lifecycle costing.  
The sale to the Sydney Transport Partners consortium, led by listed toll road company Transurban, has generated more than AUD 9 billion for the NSW Treasury that will be reinvested in infrastructure development in the state. Current estimates indicate the completed road network will significantly reduce travel times and create productivity gains for freight and commercial operators. |
| **Kimberley Ports Authority**  
Broome Port Master Plan  
Kimberley Ports Authority required a holistic, practical and implementable Strategic Port Master Plan to articulate and set the Port’s development vision to 2050.  
GHD Advisory was engaged to develop a Port Master Plan that balanced these diverse commercial, environmental and social requirements.  
Included in the work was extensive stakeholder engagement with internal and external stakeholders, development of a holistic understanding of the port, local and regional business concerns and deep data, technical analysis and continuous communication.  
Kimberley Ports has adopted the plan as the strategic vehicle to guide and test their long term vision. |
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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