GHD Advisory addresses our clients’ needs for outcomes that challenge the status quo in our rapidly changing business environment.

Our experience in design, delivery and operations allows us to combine new thinking, deep technical expertise, sound business acumen and practical real-world experience to drive efficiencies and growth for our clients across their businesses and asset lifecycle.
Beyond engineering

Our offering is based on an integrated package of services across the lifecycle; from when an asset is planned, designed and constructed, through its operations and maintenance, and eventually to decommissioning, closure and capital recycling.

What makes the real difference is that if we prepare a business case for a new project, we have the ability to see it through design and manage construction or, if a client wants to close and dispose of some assets, we understand not only the business and financial implications, but the remediation 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:

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

- **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

- **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

Feedback from our clients is that our unique combination of deep technical knowledge, commercial acumen, customer focus and global connectivity is providing real value.

This integrated approach across our diverse infrastructure investment and asset optimisation services is rapidly cementing GHD Advisory’s reputation as a global leader.

We are excited about our ability to respond to our client’s needs in this ever-changing world and exceeding their expectations in optimising business outcomes.

Mark Read, Group Executive Manager, GHD Advisory
Outcomes

| Washington Metropolitan Area Transit Authority (WMATA) | In order to support the achievement of a higher level of capability in efficient and economic whole life asset management, WMATA requested GHD to undertake an asset management maturity and gap assessment together with a review of current asset management systems implementation and business processes and practices against recognized industry best practices. WMATA operates the second largest rail transit system and sixth largest bus network in the United States, encompassing 86 stations with 860 lifts/escalators, 106 miles of track, with around 1,500 buses and 1,100 rail cars. Underpinning WMATA’s bus and railcar operations is the Maximo enterprise asset management system, which supports all infrastructure and rolling stock planned and unplanned maintenance, rehabilitation and materials management processes. Although the primary aim of this project was to identify how the existing enterprise asset management system (Maximo) could be used more effectively to support WMATA’s business needs, this was undertaken in the context of an asset management framework and included recommendations for business process changes that were wider reaching. WMATA was provided with an assessment of their current performance in terms of asset management process (including assessment against PAS55) as well as use and integration of the IT systems that support these processes. This enabled GHD to develop a prioritized list of recommendations (roadmap) for improvement, based on WMATA’s overall business objectives. GHD’s recommendations provided WMATA with a means of focusing on specific process, system and data improvements that will assist them in reaching their goal of achieving a high level of capability in efficient and economic whole life asset management. WMATA has subsequently requested that GHD provide a proposal to aid with the implementation of the recommended improvement program. |

| City of Barrie | GHD has been assisting the City of Barrie since 2009 to establish an asset management (AM) program. In 2016, the City retained GHD to review its AM progress, update its AM strategy for the next five years and provide recommendations for an appropriate AM governance structure to guide the City’s AM Strategy implementation to 2022. Key outcomes included: • Establishing a State Of the Assets Report (SOAR) to benchmark asset performance and facilitate communication with the City’s Council and the Public • A gap analysis in line with the ISO 55000 Standard for AM to identify opportunities to improve AM maturity related to people, processes, data and technology • Providing recommendations for an AM governance model to support ongoing implementation and sustenance of the City’s AM Program and culture as well as updating the City’s AM Strategy to 2022. |

“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
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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