Asset owners worldwide are continually required to optimise asset performance to meet their stakeholders’ expectations. Effective asset management is moving from a task-focused discipline to a long-term, multidisciplinary process with complex outcomes affecting every facet of an organisation.

GHD Advisory’s Asset Management team works with our clients to deliver long-term organisational improvements, efficient operations and optimal outcomes in the delivery of assets.
Driving value for your business

We combine experience across every stage of the asset lifecycle providing a whole-of-life approach to deliver tangible outcomes. GHD Advisory’s Asset Management team provides:

- Practical solutions through a vertical linking of strategic, tactical and operational asset management with an emphasis on providing engineering asset solutions that drive business performance.

- Professionals across multiple disciplines, utilising our ‘global connected network’ to provide innovative solutions.

- A focus on sustaining long-term organisational improvements and best delivery outcomes across a range of measures such as safety, social benefits, improved service and reduced cost.

- The ability to anticipate megatrends and respond to the challenges of disruptive technologies, having led the industry on technological changes and advances in asset management practice for much of our 90 year history.

GHD Advisory’s Asset Management service offering is based on a globally accepted approach to asset management, delivered across industry, public sector and commercial sectors as depicted below:
### Asset management experience

**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.

**Port of Brisbane**  
**Asset Operations**

GHD were engaged by Port of Brisbane Facilities Management to carry out the provision of lease inspections and asset management plans (AMPs). The project scope includes reviewing 57 lease agreements to ensure compliance and mitigate risk exposure to PoB, and undertaking condition audits on 139 properties. Deliverables include updated lease information, 10-year financial profiles for asset expenditure and AMPs for leased and non-leased properties/sites. The outcomes of this project provided the Port with a clear understanding of their lease obligations and financial liabilities.

**Sydney Catchment Authority**  
**Asset Performance and Optimisation**

In 2014 GHD worked with the Sydney Catchment Authority (SCA) to review and develop an Asset Management Strategy, a State of the Assets Report and Asset Management Plan Framework.

The SCA manages a diverse asset portfolio to deliver its products and services, with an approximate replacement value of $5.3bn.

Once our recommended Asset Management Plan is fully implemented it will enable the SCA to:

- improve and standardise asset management practices
- clarify roles and responsibilities for asset management
- more effectively plan and fund its works programs
- ensure more effective utilisation of its assets
- reduce asset related risks, and
- improve financial management of assets.

**Territory and Municipal Services**  
**Asset Advisory**

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 recycling and 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.
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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