



▶ OIL AND GAS SERVICES

CONSULTING, DESIGN, AND CONSTRUCTION
SERVICES IN EARTH, ENVIRONMENT, AND ENERGY





SUSTAINABLE SOLUTIONS FOR ENERGY

Changing market conditions challenge the leaders of energy companies to find ways to minimize their operations' impacts while maximizing opportunities to grow and diversify their businesses. Teaming with specialist consultants who understand exploration and development activities, and appreciate the diverse cultural and technical demands and the global market factors that drive the industry can help you achieve your targets. The bottom line is about more than profits; it is about enhancing sustainability in your business operations, our world and the responsibilities we have to all stakeholders. Technical expertise and experience are the foundations of our business, which distinguishes our company as a trusted advisor for environmental, social and engineering challenges. That is why oil and gas clients from around the world come to Golder

EXPLORATION, PRODUCTION AND DEVELOPMENT

Among the challenges facing the oil & gas industry is the ability to find, develop and transport reserves in sensitive and remote environments, from the equator to the poles and deep beneath the oceans. The issue of sustainability, coupled with a focus on social and environmental issues, requires you to use sound project management backed up by a cadre of specialists.

support project developers and work closely with the design and development staff. Our full-service offering is customized to bring a project from concept through permitting and design, construction, operations and stakeholder consultations, on to decommissioning and closure.

TRANSMISSION AND DISTRIBUTION

Bringing gathering and distribution systems online in a cost-effective and sustainable manner requires a knowledgeable approach to stakeholder communications, permitting, planning, design investigations and negotiations. Our team of professionals is experienced and focused on pipeline, bulk distribution and LNG facilities. We

To overcome the challenges of siting platform foundations in offshore and swamp conditions, Golder provided piezocone testing to 50 m depth for pile design using equipment mobilised by landing craft (Total E&P Indonesia, Mahakam Delta, Indonesia).



- Baseline Studies
- Strategic Project Planning
- Sustainability Indicators and Metrics
- Integrated Environmental and Social Impact Assessments
- Stakeholder Engagement and Public Consultation
- Permitting
- Regulatory Approval Hearings
- Engineering and Earth Science Studies
- Reclamation and Closure Planning
- Reservoir Development
- Operations Support
- Information Management
- Health and Safety
- Due Diligence

Our client was challenged to manage industrial risks and environmental remediation at the best cost-benefit ratio. Golder developed an innovative solution integrating environmental site assessment and accidental and environmental risk assessment comprising maritime terminals and oil and gas pipelines (Petrobras complex, Rio de Janeiro).

To resolve concerns of local residents living adjacent to a bulk fuel facility, Golder facilitated a risk assessment process to communicate public safety hazards and to build a consensus on a risk management plan balancing stakeholder interests. This helped the client expand and develop the port area more efficiently through addressing stakeholder concerns by identifying potential risks and mitigation measures.

RETAIL

Managing global issues and local properties requires a global network of resources to apply the technical and strategic expertise and technologies needed to gain the most valuable solution for the environmental and engineering challenges at your network of retail stations. The extensive environmental and engineering capabilities found within Golder assist our clients to profitably manage all aspects of their retail operations, from preventative maintenance and site assessment through cleanup design and remedial system installation and maintenance to design, engineering and procurement during their refurbishment. The quality of our services is recognized by our clients, respected by regulatory authorities and enhanced through positive relationships with our suppliers. When working on multisite projects we can provide effective communication of data, reports and expenditures through web-based collaboration tools that allow you to view important intelligence about your operations from anywhere, at any time.

REFINING

Increased competition, price volatility, crude oil quality, refining capacity and the surging cost of investments needed to meet tightening environmental standards present a new series of challenges to the refining sector. Improving processes and increasing the efficiency of energy use are key to meeting these and other challenges. These complex issues can be resolved with the support of engineering, environmental and social specialists. To improve the long-term value of your operations requires solutions for air emissions, effluent and waste management, along with effective management of the environment.



MAKE YOUR BUSINESS DECISIONS ON A SOLID FOUNDATION.
CHOOSE A COMPANY WITH THE TECHNICAL EXPERIENCE AND COMMITMENT
TO SERVICE EXCELLENCE AND SUSTAINABILITY THAT YOU NEED TO BE SUCCESSFUL.

JUST ASK GOLDER



ENGINEERING EARTH'S DEVELOPMENT, PRESERVING EARTH'S INTEGRITY.

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