



Beyond Engineering Solutions

The starting point for
your sustainable future

› *Delivering with Pride*



About Us

Tectona Mitra Utama (TMU) is an engineering solution provider with expertise in consulting and construction services. Since 2018, TMU has supported clients in completing hundreds of projects across various industries in Indonesia and Southeast Asia, including mining, power, oil and gas, manufacturing, and civil infrastructure development, leveraging the support of experienced multidisciplinary experts.



Our commitment is to provide the finest engineering and construction services to deliver impactful results to our clients. As we become aware that our environment needs more commitment and concrete initiatives to preserve it, TMU ensures every step taken will not undermine environmental stability in order to address a sustainable future and growth.

› Vision

As a leading provider of **world-class engineering** consultant and construction services in Indonesia, we offer **extensive expertise, support, and make a significant impact** on various industries.

› Mission

- Provide exceptional engineering services, extending to construction services
- Continuous growth of resources as the most valuable asset of the company
- Consistently deliver exceptional results for our clients
- Promote a healthy work environment
- Strive to consistently deliver projects on schedule with great attention to detail
- Local experts with global expertise





Integrity

Integrity forms the bedrock of our operations in engineering and construction.



Quality

Quality is at the forefront of our engineering and construction services.



Health, Safety and Environmental

Given the company's involvement in complex engineering projects, ensuring the well-being of employees, contractors, and the environment is paramount.



People

Our employees are central to our success in engineering and construction.



Sustainability

Sustainability guides our approach to engineering and construction projects.

Core Values of TMU

Our core values determine **our innovative engineering** and **high-quality construction services**. It encourages us to value integrity, prioritize health and safety, empower our people, and support sustainable development

in any project. We embrace these values in order to create lasting value for our clients, stakeholders, and the environment, strengthening our engineering and construction company's reputation.

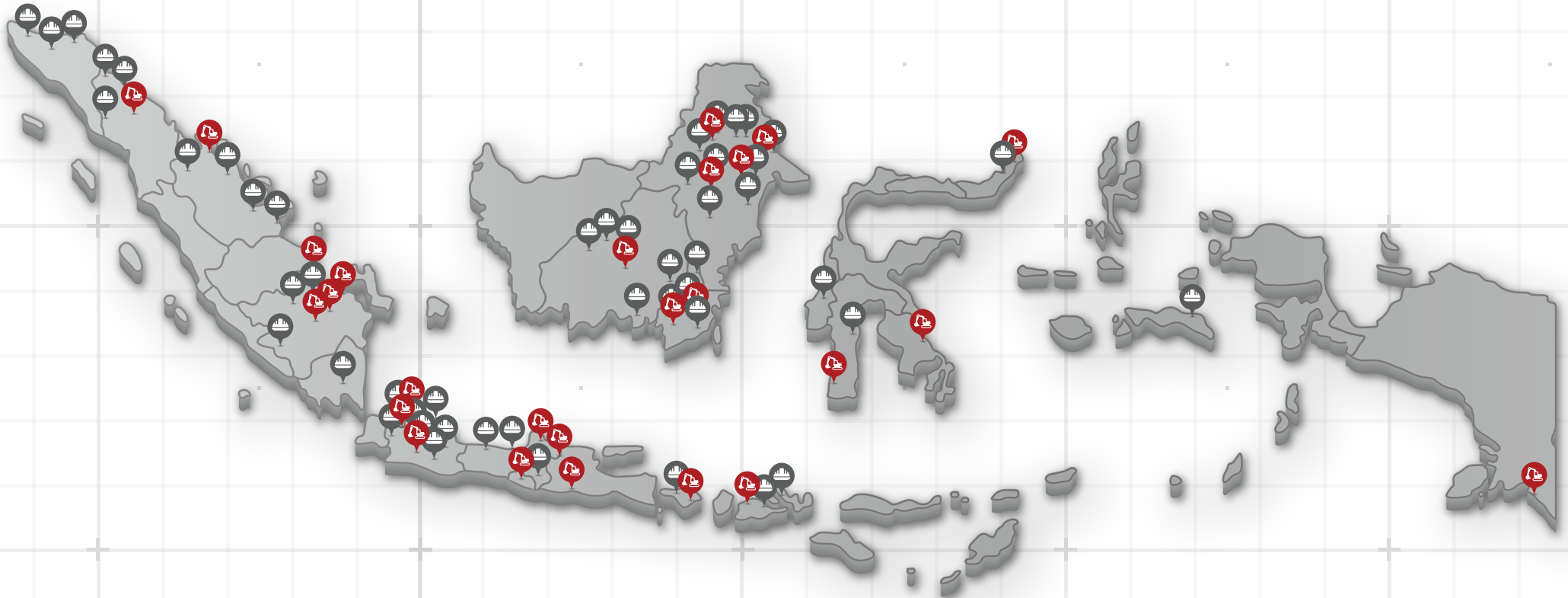
Our Portfolio in Indonesia



Consultation



Construction



Our Services

In every project, when collaborating with clients, TMU consistently ensures that all decisions and policies are in accordance with the long-term sustainability goal. This is why we constantly conduct environmental assessments around the site during the initial phases of the project.

We offers a wide range of services along with engineering solutions to meet your needs and requirements. Therefore, we divide our services into three major areas:



◀ Contractor Services

We excels in constructing projects for state-owned enterprises (BUMN), mining, oil and gas, retail, and manufacturing companies. Our focus remains on delivering top-quality, safe, and secure constructions through expertise and unwavering HSE commitment.



◀ Engineering Consultant Services

We offer expert-led engineering studies for landscaping design, including geotechnical and water system management studies, and field investigations.

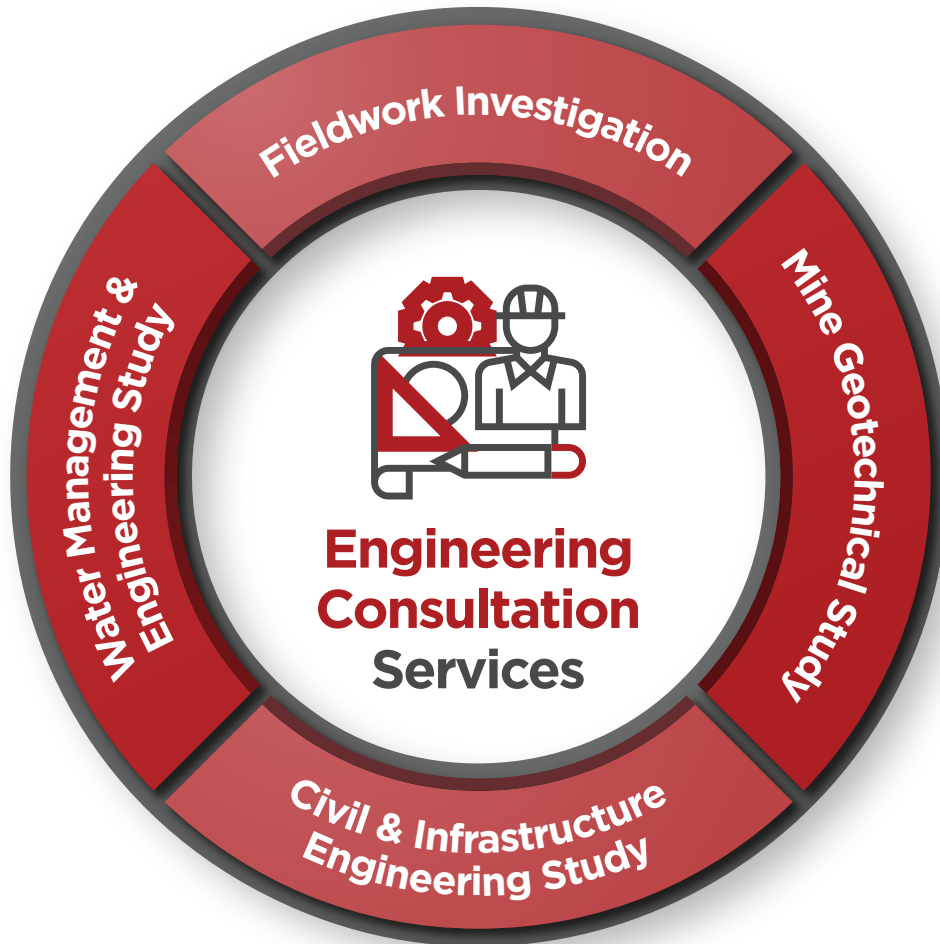
Project Management Services ▶

We provides project management services to define project budgets, set timelines, and achieve project goals efficiently.



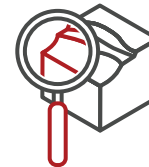
Our clients are entitled to choose the services that best meet their needs, whether it's limited environmental studies, consulting, construction, or comprehensive project support.

Our Engineering Consultant Service Offerings



Fieldwork Investigation

To support landscaping plans, certain stages require an inventory of on-site data.



Mine Geotechnical Study

A senior geotechnical engineer conducted the advanced stage following the results of the fieldwork investigation, which was subsequently reviewed by a geotechnical expert.



Civil & Infrastructure Engineering Study

Conduct studies that cover a wide range of issues, including architecture, building structures, road pavement, bridges, culverts, port and jetty facilities, coal handling facilities, and mine camp facilities.



Water Management & Engineering Study

Reports on hydrological and hydrogeological investigations, as well as surface water management, are examples of the types of investigative papers we provide.

Our Construction Services Offer



Mining

We effectively demonstrated our capabilities by building a wide range of hauling roads, including bridges and/or culverts, ports and jetties, and mining camps.



Oil and Gas

We are an expert in oil and gas projects, with an intense focus on quality and health, safety, and environmental (HSE).



Retail & Manufacture

Using prefabricated sandwich panels, we can turn your retail, factory, and warehouse designs into reality.

Project Capability — **Hauling Road Design**

Tectona Mitra Utama (TMU) was selected as the consultant for a haul road project in South Sumatra. The project involved designing a coal haulage road and estimating the capital (CAPEX) and operational (OPEX) costs. The project is part of a larger effort by a mining company to expand its coal production capabilities, requiring comprehensive infrastructure and facilities development to support increased output. TMU's expertise was sought to ensure the road design meets the necessary standards for efficiency and safety in coal transportation.



Project Capability — **Berau Public Road**

To avoid ecologically sensitive areas, improve logistical efficiency, or access mineral riches on private property, mining company may try to reroute public roadways. But before deciding to reroute public roadways, it's important to think about how it would affect nearby residents, the ecosystem, and public works projects. Mining firms must adhere to all rules and laws, communicate with relevant parties, and work to lessen the impact of road diversion on the community.



Here in Tectona we will conduct study to assess all of these aspects to ensure that the road could be constructed in most efficient and effective manner without compromising technical, environmental and regulations.

Project Capability — Pit slope stability

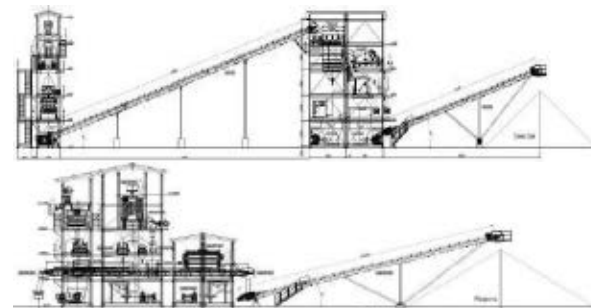
The objective of the study is to assist JMB obtaining information regarding geotechnical, and hydrogeology condition of the planned pit and waste dump area located at Tenggara Seberang, East Kalimantan, Indonesia, where PT Jembayan Muarabara Group, operates.

JMP plans to optimize Pit 119 N side push back north side wall to mine 260 Kton Coal with SE 16.9. There was historical failure in the area and parts of the river need to be diverted as depicted in Figure 1.



Project Capability — **Coal Washing Plant Foundation**

PT Asmin Bara Bronang (ABB) is the holder of Generation III Coal Mining Business Agreement (PKP2B) based on the Decree of the Minister of Investment No. 198 / A.1 / 1999 dated 30 April 1999. In 2019, ABB planned to build a semi-mobile Coal Washing Plant with a capacity of 125 tons per hour, allowing for potential relocation in the future. As crucial preparatory data for the construction stage, comprehensive soil investigation was conducted to obtain suitable foundation design data. PT Tectona Mitra Utama carried out the soil investigation and foundation design to support the construction of this Coal Washing plant.



➤ Engineering Consultant
Project

Project Capability — Underground Geotechnical Investigation

Underground mining produces less waste compared to surface mining techniques such as open pit. However underground mining may cost more than surface mining.



These require more caution when being set up and while in operation, due to the restrictive and unpredictable nature of geological condition. Tectona have experience in assisting Client to decrease the geotechnical uncertainty during design phase of underground mine

Project Capability — **Wind Turbine Generator Access Road Design**

Akuo Energy Indonesia is a subsidiary of Akuo Energy, a multinational company focusing on renewable energy generation. Akuo is planning to run windfarm projects in Indonesia.

The purpose of this design is to present the consultation study of road design and cost analysis for civil work activities, which includes road construction and land development.



Project Capability — River Diversion Study

River diversion plays a crucial role in the mining industry in Indonesia, serving as a pivotal technique governed by the Peraturan PUPR no 21 tahun 2020 tentang pengalihan alur sungai (Regulation of the Ministry of Public Works and Public Housing No. 21 of 2020 concerning River Diversion). This regulation outlines the guidelines and procedures for redirecting river flows, emphasizing the importance of sustainable development and environmental preservation in mining operations.



Project Capability — **Bailey Bridge**

A Bailey bridge is constructed from standardized, modular steel components that can be rapidly assembled on-site without the need of heavy equipment or specialized tools. It is a critical instrument due to its practicality and efficiency in bridging gaps immediately and effectively. PT Tectona Mitra Utama has been contracted by PT Berau Coal to construct a Bailey Bridge 100 ton capacity in Berau Coal Mine Site.

- Project Owner : PT. Berau Coal
- Project Title : Bailey Bridge Construction



Project Capability — Aramco & Gabion Construction

Constructing giant steel culverts with a 3m diameter in three rows for a 35m span at two locations, as well as installing Gabion Baskets, are essential facilities for a water diversion program aimed at ensuring continuous mining operations.

- Project Owner : PT. Cahaya Metal Perkasa
- Project Title : Aramco Installation





Construction Project

Project Capability — **Sambirejo Landfill Projects**

Construction of the landfill project in Sambirejo, Sleman Yogyakarta. This landfill was constructed under the supervision of an engineering consultant and was designed by PT AECOM Indonesia. Currently, part of the area has been transformed into a mini-soccer field that is accessible to the local community.

- Project Owner: PT GE Lighting Indonesia
- Project Title : Capping Construction Project



Project Capability — Civil Work for Building Facade Improvement

The facade is an essential component that affects the visual impact, sustainability, and functionality of a building. PT Tectona Mitra Utama (TMU) has been contracted by PT Castrol Manufacturing Indonesia to improve the building façade for office and factory.

- Project Owner : PT. Castrol Manufacturing Indonesia
- Project Title : Building Facade Improvement



Project Capability — **CPO Mill & Ancillary Building**

PT Tectona Mitra Utama (TMU) has been contracted by PT Korindo Kontruksi to Civil Work for CPO Mill in Asike Papua.

- Project Owner : PT Korindo Kontruksi
- Project Title : CPO Mill & Ancillary Building



Project Capability — Mess Facility's KPP-PCNS Site Angsana

The mine camp facilities area is constructed on a 2-hectare site boundary, with a building area of approximately more than 5200 m². The mine camp facilities comprise 17 buildings, including mess halls, a canteen, a clinic, a water treatment plant, a power house, security guard quarters, a laundry facility, waste storage, and a camp office.



- Project Owner : PT. Kalimantan Prima Persada
- Project Title : Pre-fabrication Camp and Office Facility
- Project Location : Angsana, Tanah Bumbu, South Kalimantan

Our Clients

› Mining



Our Clients

› Oil & Gas



› Renewable Energy



› Electricity, Telecommunication & Infrastructure



› Manufacture



Our Affiliate Companies

In order to provide broad assistance in the sectors of engineering, construction, logistics, and clients business operations, we incorporated two companies that are affiliated with TMU: Tectona Mitra Rekatama and Tectona Cargo, respectively.



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