



POWERING WASTE
INTO PROFIT



WHO WE ARE

Green Lagoon Technology (GLT) believes that waste holds extraordinary potential. Founded in 2010, GLT is a Malaysian innovator in renewable energy and environmental solutions. Its mission is simple yet powerful: to transform organic waste into lasting value - for the environment, for industries, and for communities.

GLT specializes in biogas development, turning palm oil mill effluent (POME) and other organic waste into clean energy and sustainable byproducts. From the early days of Clean Development Mechanism (CDM) projects to its growing portfolio of more than 80 projects across Malaysia, Indonesia and Papua New Guinea, the Company has remained committed to pushing boundaries and delivering practical, future-focused solutions. Every project reflects a deep commitment to sustainability—creating long-term environmental, economic, and social value that goes beyond short-term gains.

Whether through the sale of electricity via the Feed-in Tariff (FiT) program, the production of bio-methane for industrial applications, or the bio-conversion of waste into fertilizers and insect protein, GLT helps industries embrace sustainability as a catalyst for innovation and growth. At every stage, GLT places the safety of its people, partners, and the environment at the core of its operations, upholding rigorous standards to protect lives, assets, and ecosystems.

Built on trust, driven by innovation, and committed to the future, GLT's success is anchored in relationships - founded on transparency, collaboration, and shared purpose with all its stakeholders. A culture of resilience drives the company to challenge norms, explore new technologies, and adapt to meet the evolving needs of industries and the environment.

GLT exists to power progress, regenerate ecosystems, and help build cleaner, safer, and more resilient industries for tomorrow. Every project undertaken is a bold step toward a better, greener future.



OUR STRATEGIC APPROACH

Green Lagoon Technology (GLT) adopts a strategic approach that extends beyond technical delivery - it is rooted in a strong understanding of industry dynamics, regulatory landscapes, and environmental imperatives. The company focuses on providing scalable, future-ready solutions through a model that is agile, informed, and impact-driven. This approach is underpinned by four key enablers that shape how GLT delivers meaningful and lasting value.



Sustainability-First Mindset

Every decision is guided by long-term environmental value, not just short-term returns.



Partnership-Driven Execution

We build trust with clients, communities, and investors through transparency and shared goals.



Safety at Every Step

Operational excellence begins with safety. GLT prioritizes the well-being of its people, partners, and the environment through rigorous safety standards and proactive risk management.



Innovation in Every Project

From bio-methane to insect protein, we challenge norms to pioneer next-generation solutions.



Measurable Results

Our projects are built on outcomes - GHG avoided, energy exported, and livelihoods improved.

KEY IMPACT

Green Lagoon Technology (GLT) measures success not only by the projects it delivers, but by the positive, measurable impact it creates across industries, communities, and the environment. From converting waste into renewable energy to advancing circular economy solutions, GLT's work contributes to reduced greenhouse gas emissions, improved rural livelihoods, and sustainable value creation. This impact snapshot highlights the tangible results of GLT's journey - rooted in trust, driven by purpose, and guided by a long-term commitment to innovation and sustainability.



80+

Projects awarded



28

SPV Companies



497 470

Total Power Exported (MW)



32

Total Installed Capacity (MW)



200+

Expert Employees



Green Lagoon Technology (GLT) has been involved in over 70 biogas-project locations across Malaysia and Indonesia. This impressive presence is a testament to the company's expertise and success in the renewable energy sector.

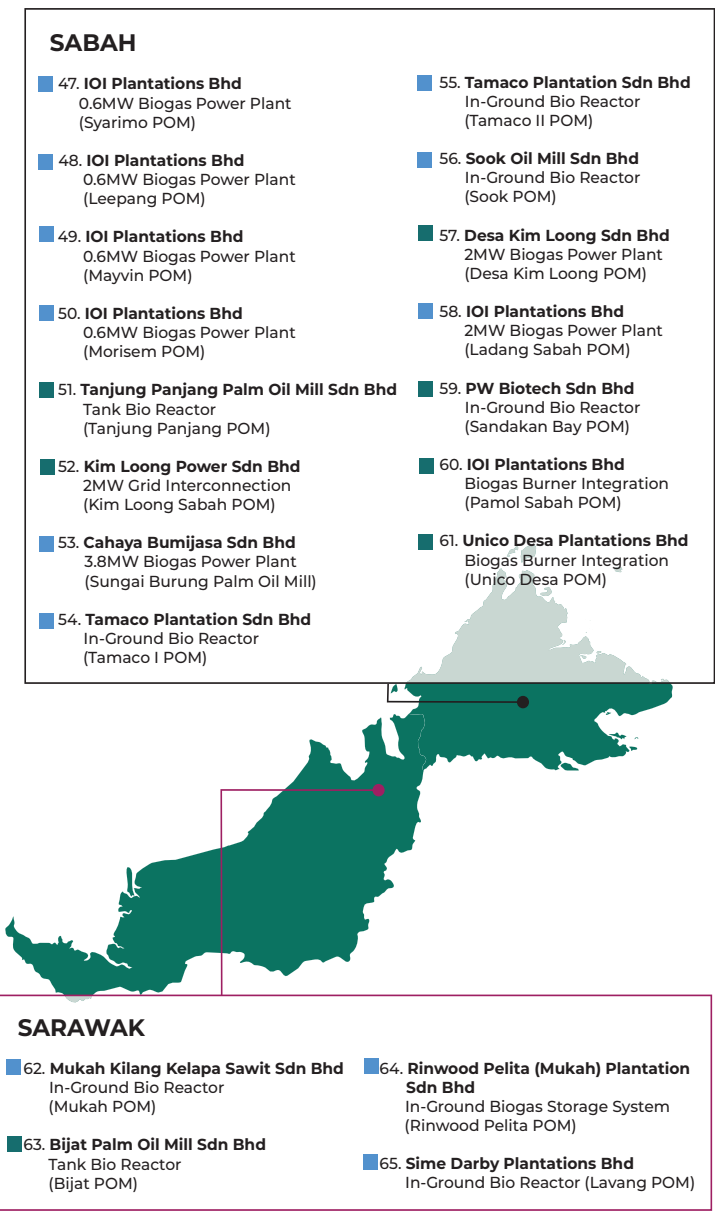
PROJECT LOCATIONS

(as of JUNE 2025)

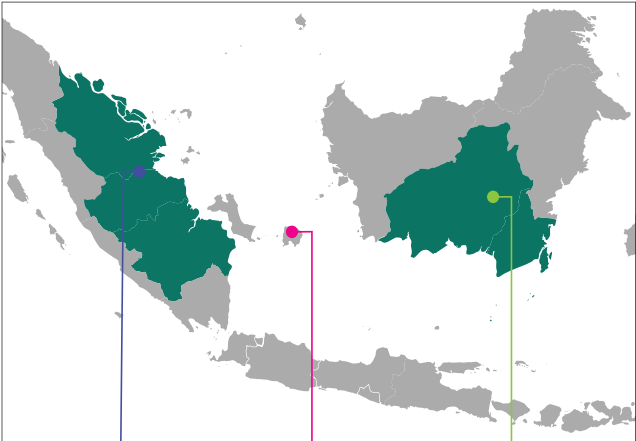
WEST MALAYSIA



EAST MALAYSIA



INDONESIA



GLT Global Resources 1MW Biogas Power Plant



GLT Climate 2MW Biogas Power Plant

- 15 owned FiT sites
- 27.6 MW export capacity
- 1 under development
- 14 operational sites
- 497 470 MWh exported



GLT Maju 1.5MW Biogas Power Plant

ONE-STOP ENVIRONMENTAL SERVICES SOLUTIONS CENTRE

Green Lagoon Technology (GLT) views environmental challenges as opportunities to unlock new value. As a one-stop environmental services solutions centre, GLT delivers integrated, sustainable systems that help clients turn waste into tangible business assets while reducing their environmental footprints.

The company's portfolio spans a wide range of industries, from palm oil to livestock waste. Through proven engineering capabilities, project management expertise, and circular economy thinking, GLT delivers environmental solutions that generate measurable income streams while driving long-term sustainability.



GOING BEYOND GREEN



Green Lagoon Technology (GLT) is proud to align its mission with the United Nations Sustainable Development Goals (SDGs). For GLT, sustainability is more than an environmental commitment - it serves as a blueprint for inclusive growth, responsible innovation, and climate resilience.

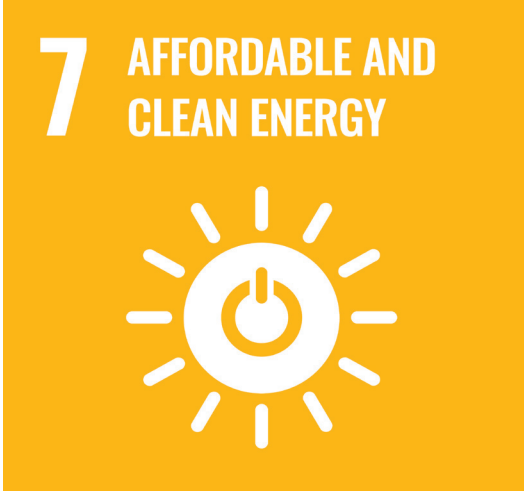
From the way GLT designs and builds its systems to how it engages clients, suppliers, and communities, the company is guided by the belief that progress and sustainability must go hand in hand.

GLT remains committed to building a future where every waste stream becomes a growth stream, and every project becomes a legacy of positive change.

At GLT, going beyond green means extending sustainability beyond our operations - creating lasting value for communities, the environment, and future generations.



Waste impact on water bodies is minimized through reduction of organic loading rate



Dependence on fossil fuel-based sources is reduced by replacing with biogas.



Wastes generated from operation sites are reduced or recycled for other use.



Greenhouse gas emissions are reduced through capture and utilization of biogas into renewable energy.



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