



POWERING WASTE
INTO PROFIT

WHO WE ARE

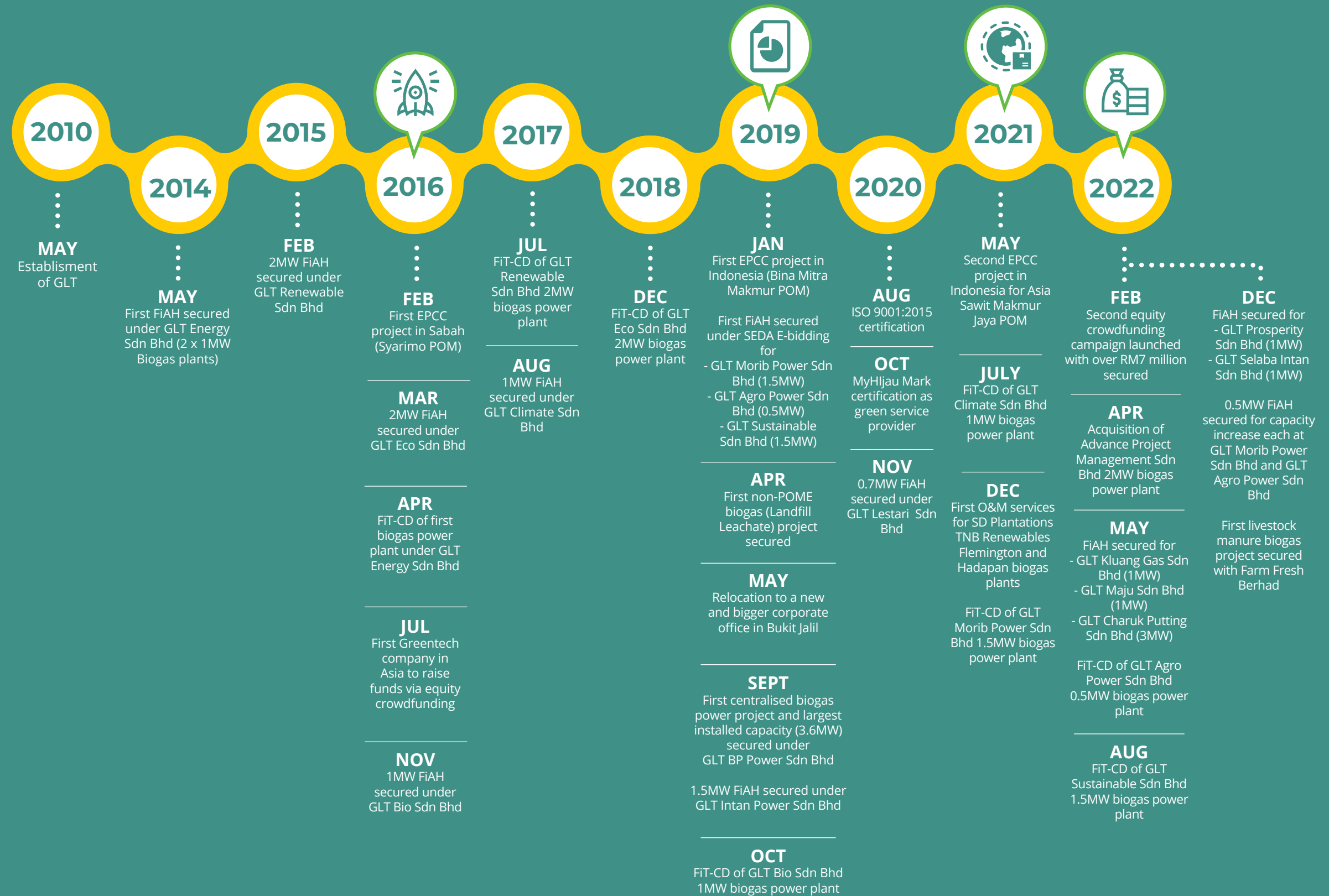
Green Lagoon Technology Sdn Bhd (GLT) is a Malaysian environmental solutions company that specializes in maximizing and turning waste into profit. The Company was established in May 2010 initially focusing on providing innovative and sustainable solutions for waste management, renewable energy, and environmental sustainability. In the early days, GLT saw the opportunity to participate in Clean Development Mechanism (CDM) projects for the palm oil mill industry, which formed the solid foundation for expanding into new green products and business models.

The Company's core focus today is on the design, construction, operation and management of biogas plants for various industries, including agriculture, palm oil and food processing. GLT has been able to generate substantial returns by converting the biogas which is a by-product of palm oil milling into multiple uses, including domestic consumption and sale of electricity to the national grid under the Feed-in-Tariff (FiT) program. Recently, GLT has started to explore the potential of upgrading biogas to bio-methane, which is more versatile and efficient and can be injected into gas pipelines or used in industrial applications.

By 2022, GLT had managed to be involved in over 60 projects nationally and internationally in various roles, including financing and owning more than 25MW of power assets, making GLT one of the top biogas developers in Malaysia. With the excellent track record in completing and managing various projects, GLT has earned substantial trust from its client and business partners, hence opening other business opportunities. GLT is looking to expand further into other services and products in the coming years as it aims to continue developing its brand in the national and international arena.



KEY ACCOMPLISHMENTS

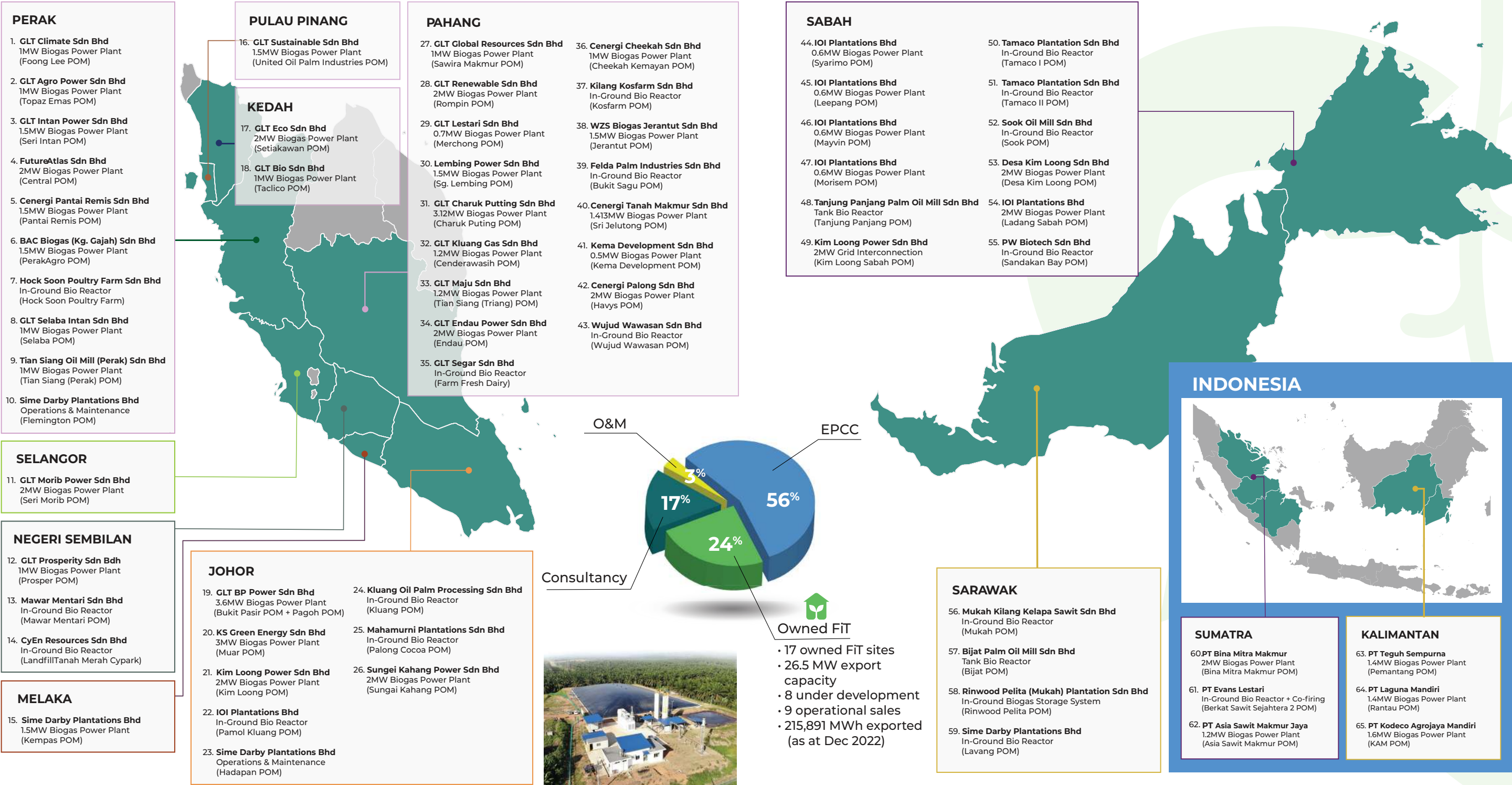


REGIONAL PRESENCE

GLT has been involved in over 60 biogas-related projects in Malaysia and Indonesia. This impressive presence is a testament to the company's expertise and success in the renewable energy sector.

WEST MALAYSIA

EAST MALAYSIA



ONE-STOP ENVIRONMENTAL SERVICES SOLUTIONS CENTRE

GLT recognises the potential of transforming waste into profitable resources and sees environmental liabilities as a means for developing new products and services. GLT is committed to seeking the most efficient and comprehensive solutions for utilizing all manners of wastes, not only from the palm oil milling industries, but also from other sources.

As a One-Stop Environmental Services Solution Centre, GLT provides a range of sustainable solutions such as utilization of bio-methane from wastewater for energy, extraction of bio-CO₂ for industrial applications, bio-conversion of organic waste into bio-fertilizers and insect protein, transformation of biomass into reusable materials, and much more, with the purpose of generating quantifiable income stream and at the same time reducing the carbon footprint of our clients.



GOING BEYOND GREEN



The United Nations' Sustainable Development Goals are crucial in promoting global cooperation and action toward creating a sustainable future for all, tackling issues such as poverty, climate change, and inequality. GLT is dedicated to aligning its business practices with goals, thereby creating a positive impact on society and the environment.

GLT is committed to sustainability in all aspects of its business operations including governance of its supply chain, value design engineering and construction methodology. The company believes that sustainability is the key to creating a better future for all, and its solutions are designed to provide a sustainable approach to waste management and renewable energy.



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GOOD HEALTH
AND WELL-BEING

Odours and the spread of diseases are reduced through the treatment and recycling of organic wastes.

6

CLEAN WATER
AND SANITATION

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

7

AFFORDABLE AND
CLEAN ENERGY

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

8

DECENT WORK AND
ECONOMIC GROWTH

Job opportunities and economic growth for development made possible from biogas projects at rural areas.

9

INDUSTRY, INNOVATION
AND INFRASTRUCTURE

Energy from self-generated wastes can be used to improve self-sufficiency and sustainability of industries

12

RESPONSIBLE
CONSUMPTION
AND PRODUCTION

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

13

CLIMATE
ACTION

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

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LIFE
ON LAND

Recirculation of nutrients and organic matter back into soil in the form of digestate biofertilizer.



Green Lagoon Technology Sdn Bhd
Registration No. : 201001016634 (900336-X)

H-3A-01, Pusat Perdagangan Bandar Bukit Jalil, Persiaran Jalil
1, 57000 Kuala Lumpur. Malaysia

T +603 2733 2960 | F +603 2733 2961

E info@gl.t.my

FB facebook.com/gltsb | Website www.gl.t.my

LI linkedin.com/company/green-lagoon-technology-sdn-bhd

