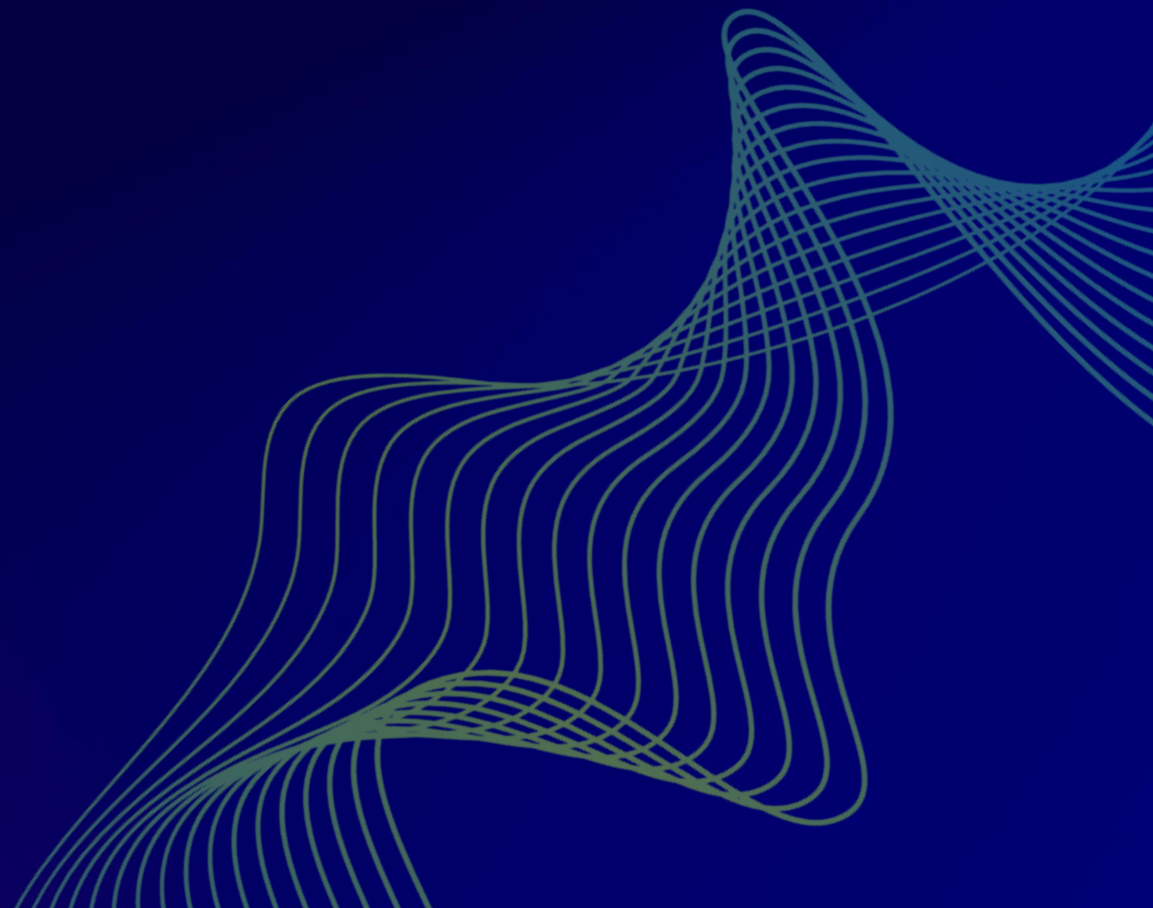




LCOS

- About the Malaysian Green Technology and Climate Change Corporation (MGTC)



Supporting the National Climate Change Agenda

An agency of the **Ministry of Natural Resources & Environmental Sustainability (NRES)**



Pusat Tenaga
Malaysia



1998

Suruhanjaya Tenaga
(2001)



Malaysian Green
Technology Corporation



2010

SEDA
(2011)



Malaysian Green Technology
& Climate Change Corporation



2021



Green Technology
Green Growth
Green Recovery



Low Carbon
Development



Green Incentives



Strategic
Collaborations



Communication
Education
Public Awareness

NET-ZERO GHG EMISSIONS AS EARLY AS 2050

LEADING PARTNER FOR GREEN GROWTH & CLIMATE ACTION

Coordinate, Align, Facilitate And Drive Climate Action Across All Stakeholders And All Sectors

Government

States

Local Authorities

Companies

Community

Grow Green Economy

Reduce GHG Emissions

Inculcate Green Lifestyle

Monitor and report on climate action performance and progress

Coordinate and align efforts across the public and private sector

Develop and implement climate action programs and initiatives

Partner and collaborate with local & international organisations

Green Technology Innovation

Energy Transition
Low Carbon Mobility
Circular Economy
Urban Ecosystems

Climate Financing & Incentives

Green Procurement
Green Investment
Green Financing
Green Incentives

Climate Action Data & Analysis

Climate Action Data Hub
Emissions Assessment
Green Performance
Annual MRV

Human Capital Development

Industry Lead Body
Training
Certification
Green Jobs

Education & Public Awareness

Media
Campaigns
Conferences
Exhibitions

GHG Accounting | Climate Action Plan

ROLES & RESPONSIBILITIES

Notes:

I. Mission:
To accelerate the adoption of green energy and green technology

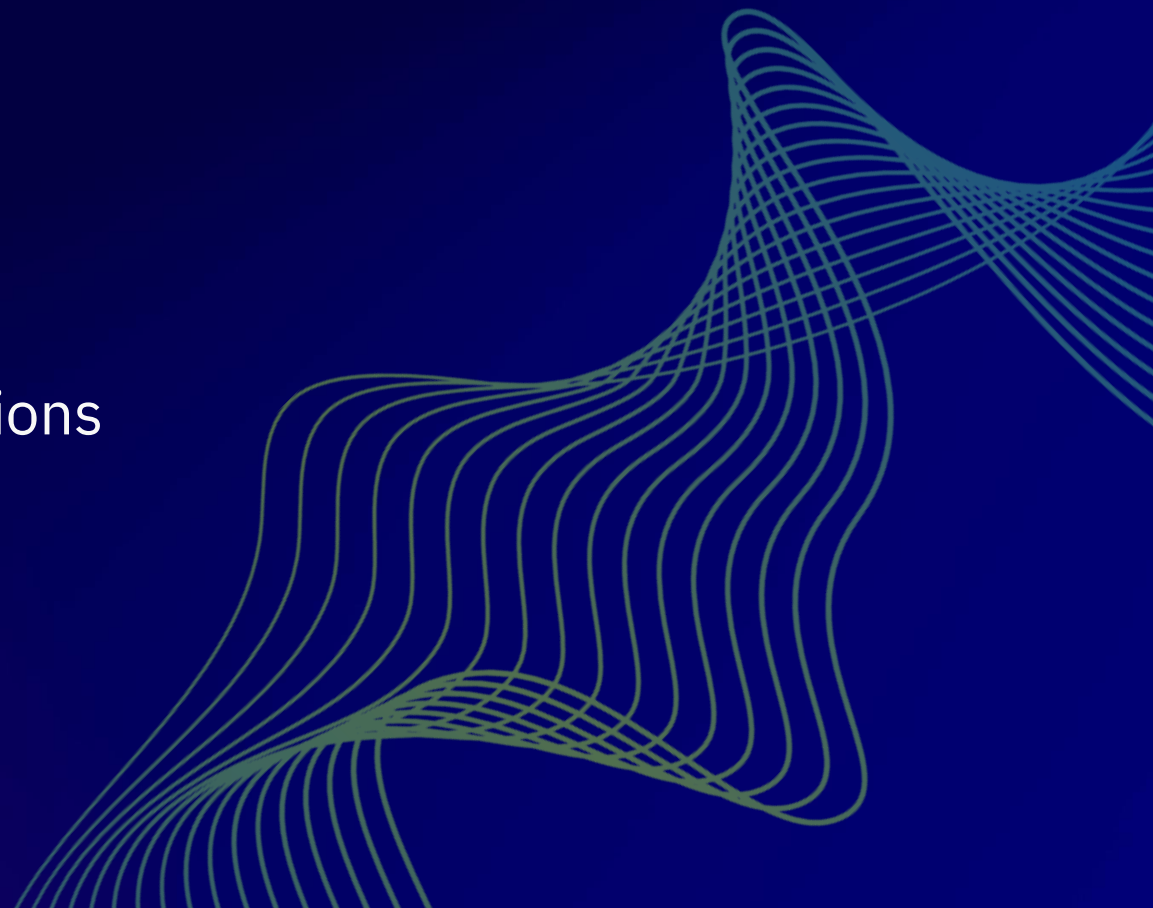
II. Guiding Pillars:





LCOS

- Measure, manage, and mitigate GHG emissions



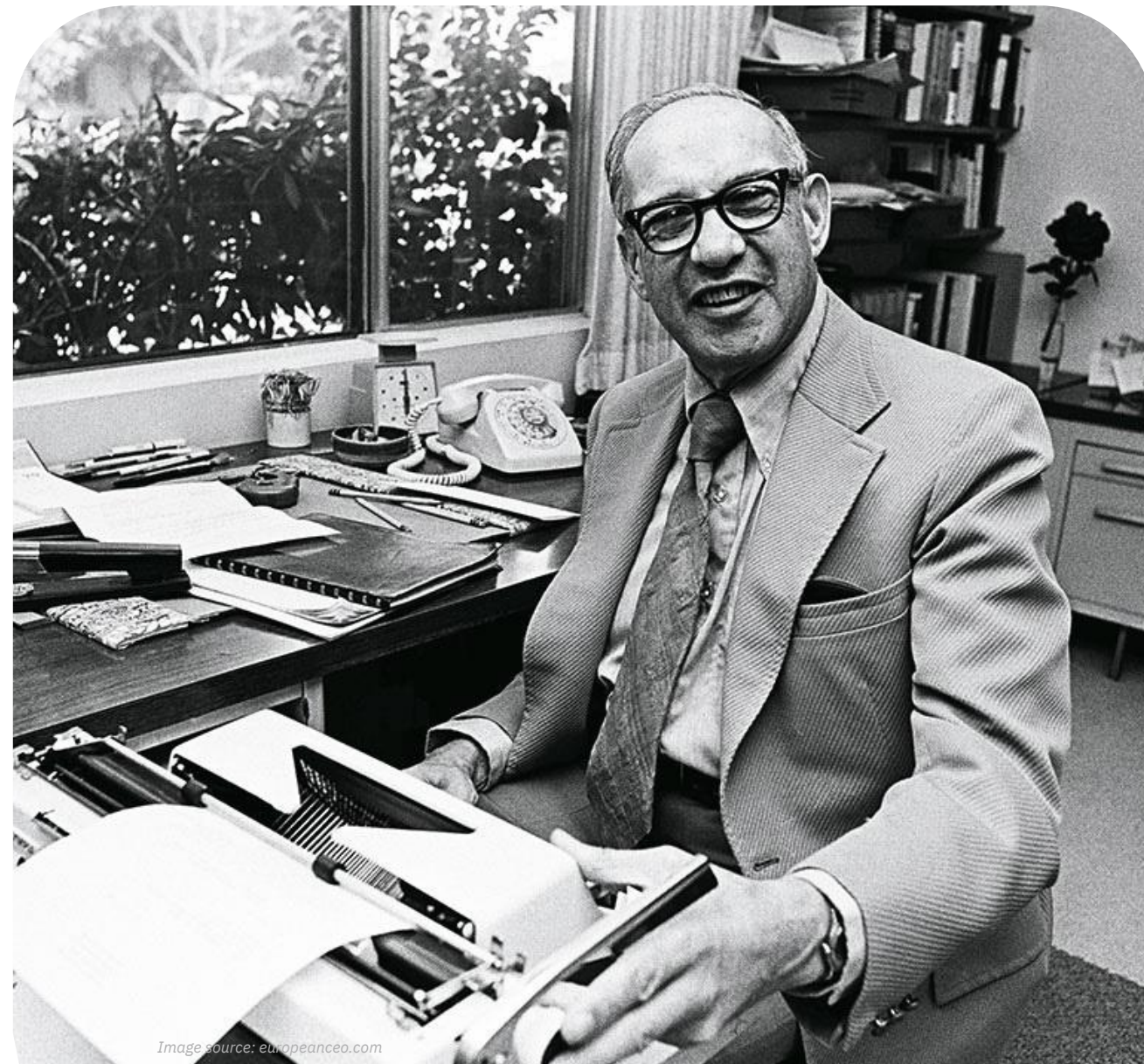


Image source: europeanceo.com

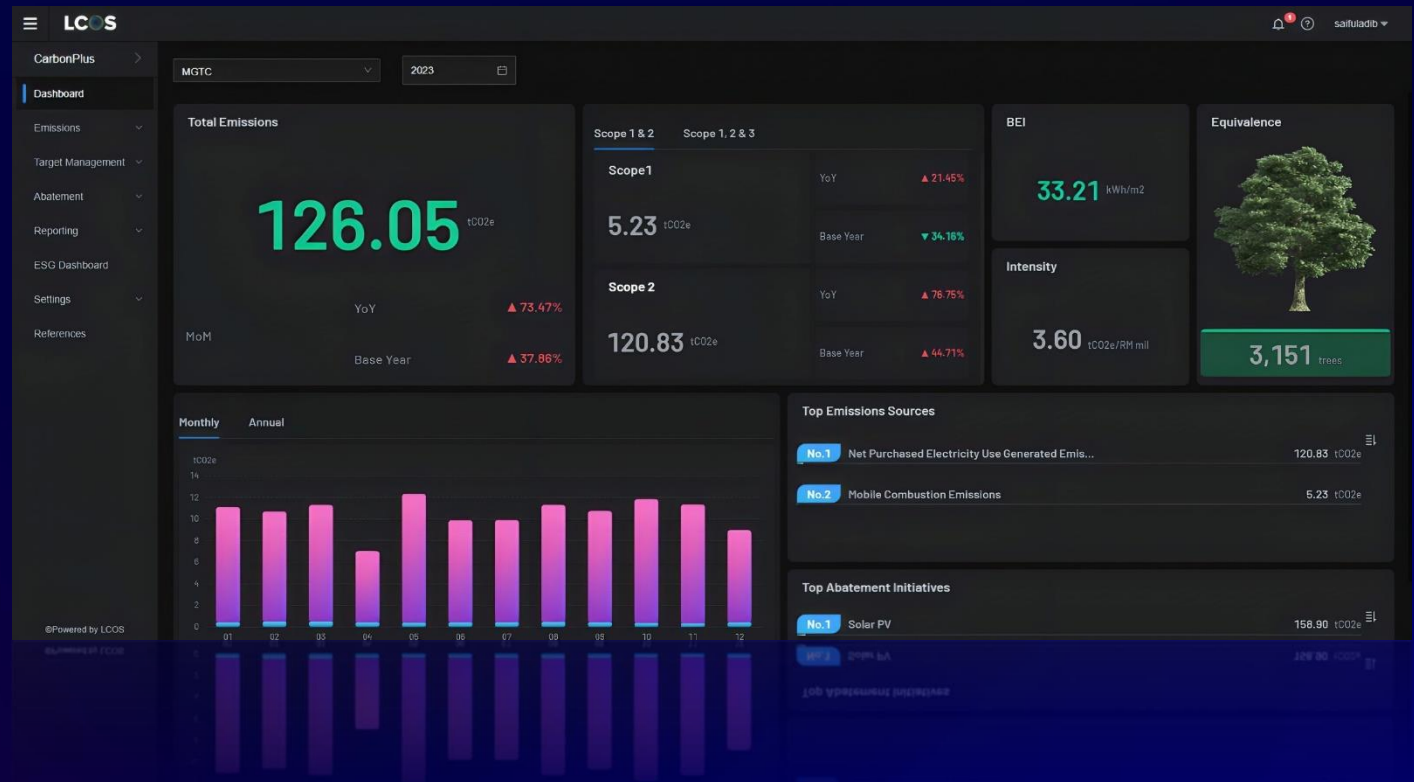
If you can't measure it, you can't manage it.

- How do you know if you are doing well or poorly?
- Without adequate information you cannot properly decide on what actions should be taken to improve

Peter Drucker, Management Guru



Low Carbon Operating System



- 1 Cloud based carbon management platform
Aligned with globally recognised standards;
- 2 GHG Protocol and ISO14064
Meets data security and data privacy standards;
- 3 ISO27001, PDPA, GDPR

Step 1:

Measure

Measure Scope 1, Scope 2 and Scope 3 GHG emissions across your entire business



Begin by measuring your electricity and company car fuel consumption



Once you are more familiar, progress to selected Scope 3 activities



Built in local and international emissions factor database



Measure detailed emissions for each site, joint venture or subsidiary

Step 2: Manage

Set targets, analyse monthly performance and benchmark against industry peers



Set Science-Based Targets (SBTi) that are in-line with 1.5°C limit



Track emissions performance monthly to pick up issues early on



Benchmark using standards such as Building Energy Intensity (BEI)



Organise and store relevant data in a structured manner

Step 3:

Mitigate

Plan and track mitigation action, purchase REC's and Carbon Credits



Plan abatement initiatives including cost benefit analysis of each solution



Track actual performance of abatement initiatives against plan



Purchase Renewable Energy Certificates and Carbon Credits



Obtain 3rd Party verification for your GHG emissions and net-zero claims

One Simple Affordable Price

*Discounts available for bulk purchases
and through Partner Programs.
Enquire to find out more.*

| | |
|----------------------------|---|
| Annual Subscription | RM 5,000 |
| Number of Sites | 1 <i>(Additional Sites @ RM500 each)</i> |
| Role of Users | Admin Operator Viewer |
| Support | <ul style="list-style-type: none">• GHG awareness training• On-boarding facilitation |
| Updates | All latest features |



Get to enjoy our key features with no commitment!

Key Features

Carbon Footprint Measurement

Target Setting

Mitigation Analysis

Carbon Reporting

Please note that the unique password will be renewed every **7** days.

Experience Full Features with Our 7- Day Free Trial

Get a closer look at LCOS to
accelerate your net zero
journey!

Credentials to our demo account:

Username: DemoAcc1

Password: J2qL;VjYz(



LCOS for Business

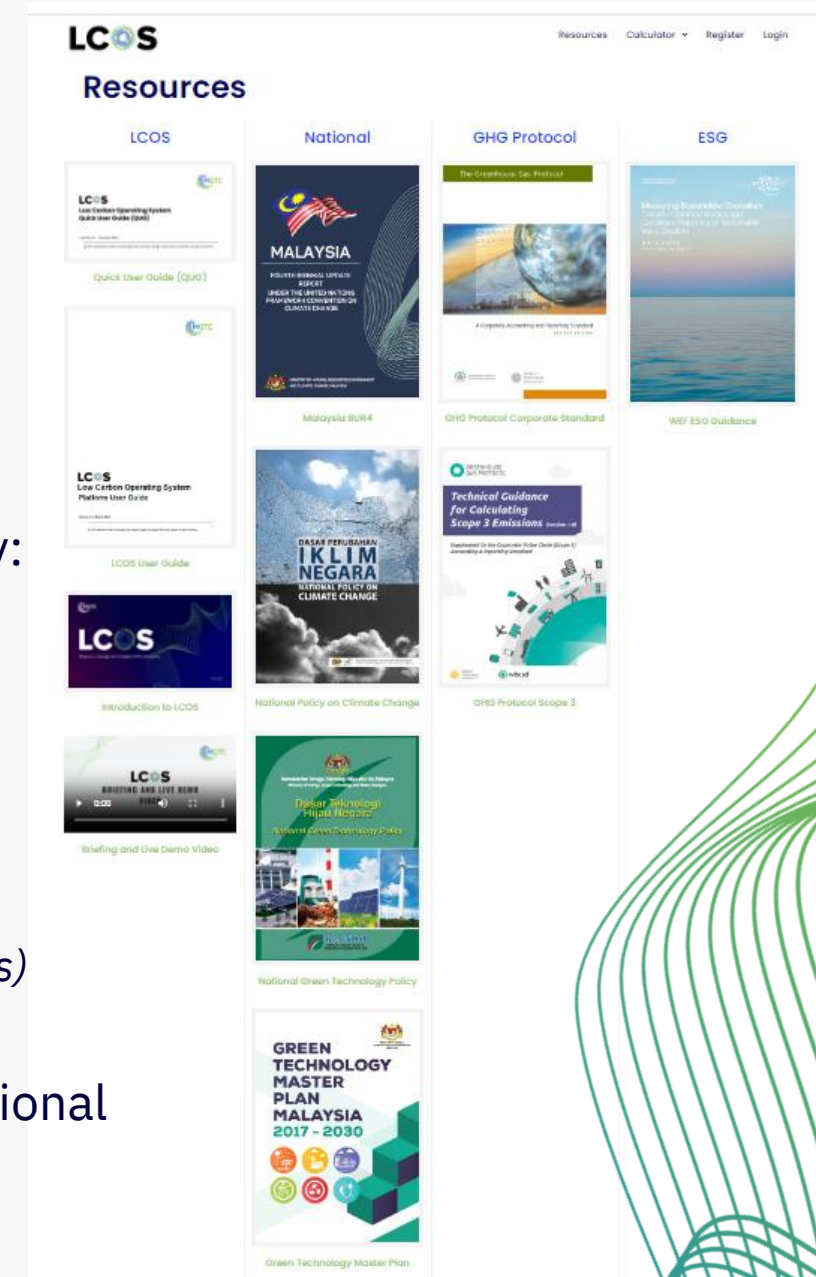
186 entities are currently on the platform *(as at March 2024)*

Support:

All resources provided for organisations to use the platform independently:

- LCOS Quick User Guide
- LCOS Extended Manual
- Resources Page of relevant documents on LCOS website
- Bi-weekly Briefing Sessions *(open session for public)*
- Bi-weekly Onboarding Sessions *(open session for subscribers)*
- Four (4) times a year, GHG Awareness Training *(open session for subscribers)*

Upon request, subscribers may have a one-to-one virtual session for additional assistance on using the platform.





Bringing World Class Capabilities to Malaysia



LCOS is developed in collaboration with Univers (previously known as Envision Digital) utilising the world's largest open source Artificial Intelligence of Things (AIoT) platform. Trusted across Asia, Europe and America.

Secure | Scalable | Expandable



Partners

MGTC works closely with Partners and stakeholders at all levels to accelerate green growth and advance climate action, especially to support SMEs.

Government



- Ministry of Natural Resources and Environmental Sustainability
- Ministry of Investment, Trade and Industry
- Ministry of Economy
- Ministry of Finance

Agencies



Financial Institutions



ALLIANCE BANK



Visit www.mgtc.gov.my/lcos
to know more.

EMAIL

lcos@mgtc.gov.my

WEBSITE

www.mgtc.gov.my/lcos

CALL US

+603 8921 0801