



LCOS

Measure, manage and mitigate GHG emissions

Q2 2023



Where are we heading?

Global

Paris Agreement 1.5°C target

Malaysia

Net-Zero GHG emissions as early as 2050

Business

Consumer demand, policy and regulatory requirements like carbon tax and CBAM



Why LCOS?

- We need to accelerate GHG emissions reduction
- We need to measure GHG emissions at all levels

> 250k SMEs

A carbon management platform that is accessible to all

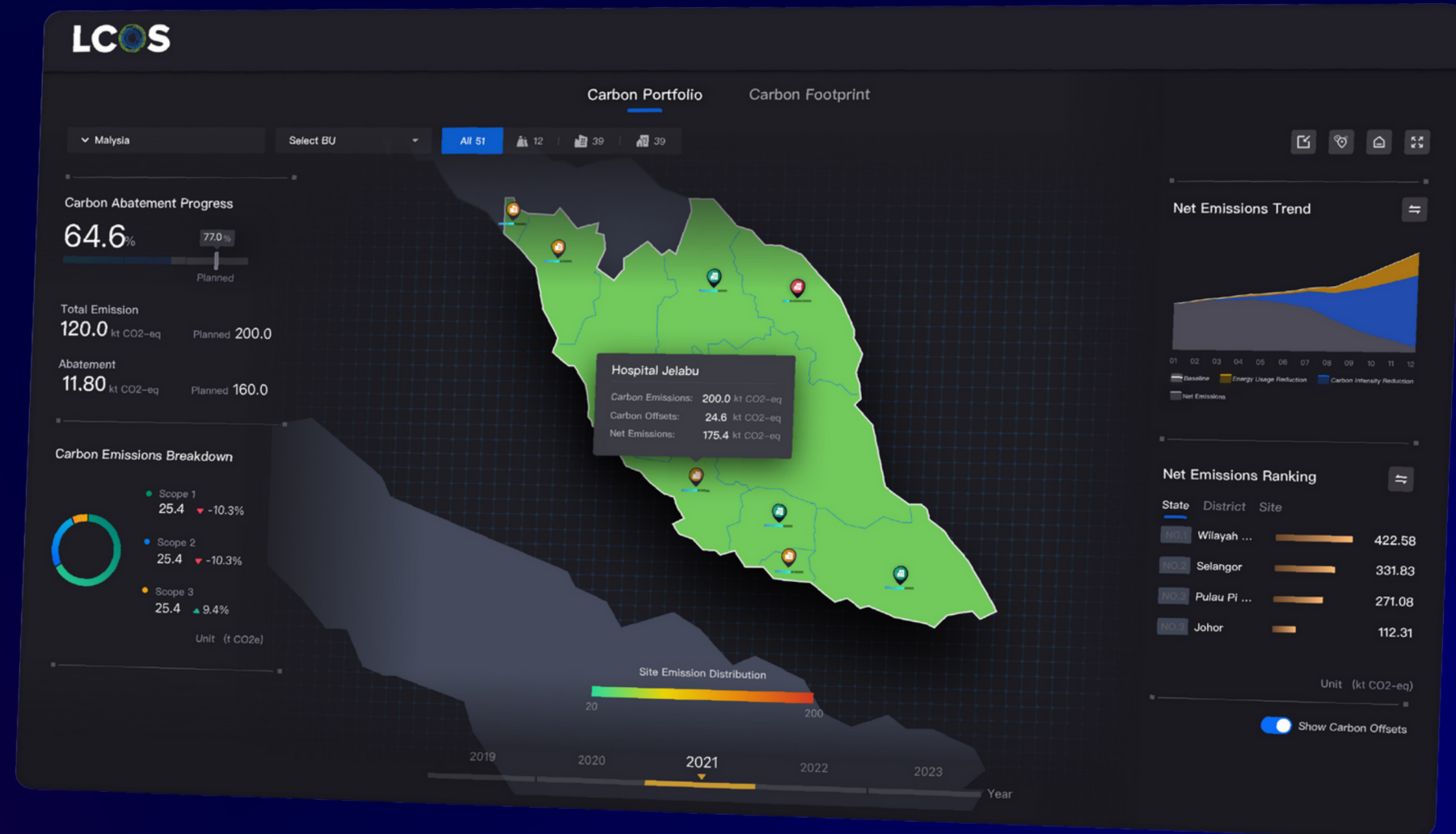
Net-Zero

A carbon management platform to drive mitigation action

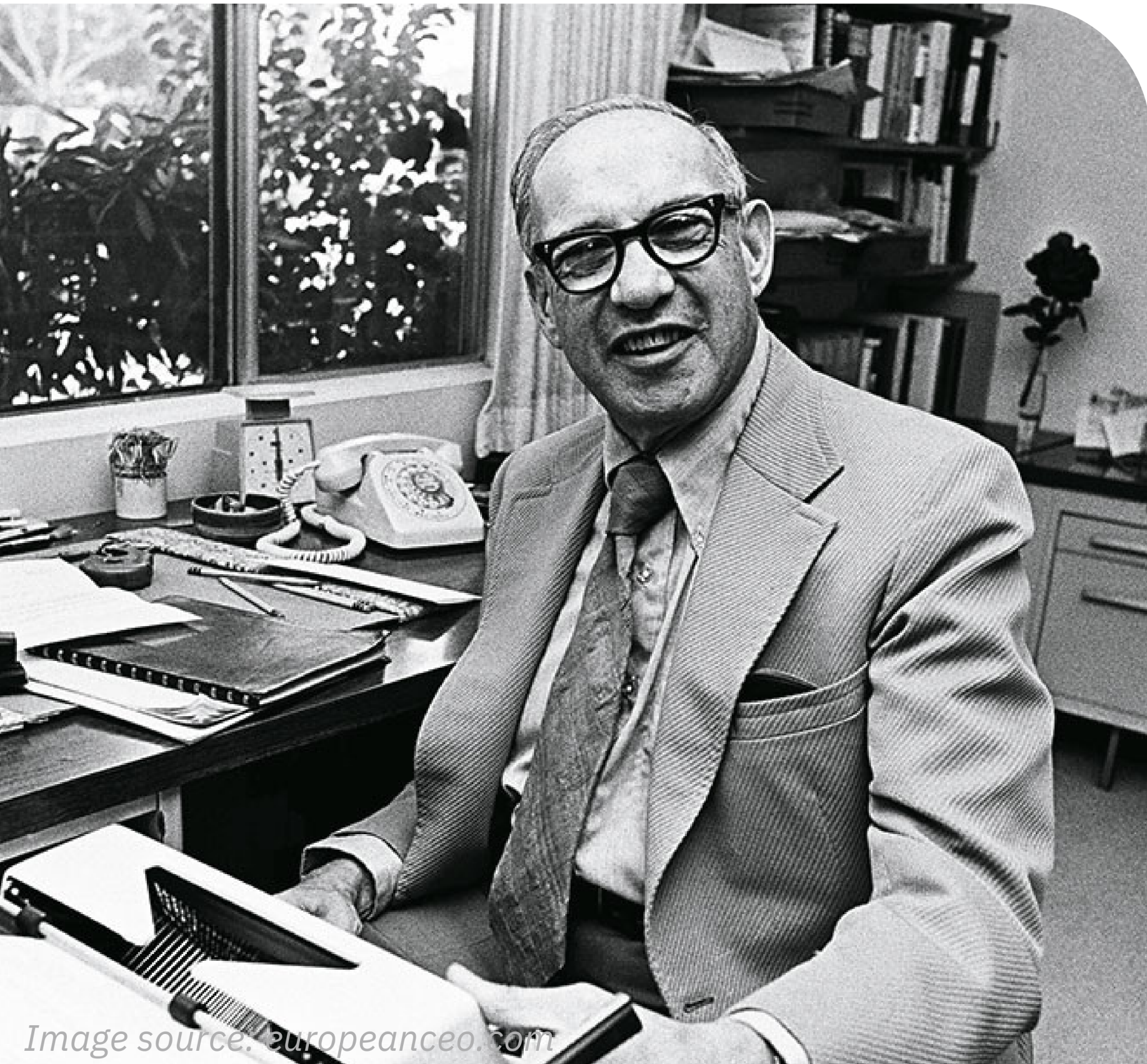


LCOS

Low Carbon Operating System



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



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

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



Your Business Future

Take the early steps
to future proof your
business

Enhance Reputation

Competitive Advantage

Improve Efficiency

Manage Risk

91% of business
leaders believe that
their company has a
responsibility to act on
ESG issues.

2021 Consumer Intelligence Survey
PwC



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>
Number of Users	Unlimited
Support	GHG awareness training On-boarding facilitation Networking with solution providers
Updates	All latest features



Bringing World Class Capabilities to Malaysia



X



LCOS is developed in collaboration with Envision Digital utilising the world's largest Artificial Intelligence of Things (AIoT) platform leveraging on a global network of R&D and engineering across Asia, Europe and America.



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, Environment and Climate Change
- Ministry of Investment, Trade and Industry
- Ministry of Economy
- Ministry of Finance

Agencies



Financial Institutions





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