

WHAT	WHY	HOW	WHO
Accelerate the Transformation Towards Low Carbon Cities	Cities are responsible for up to 70% of GHG Emissions	Establish Low Carbon Zones in State Capitals & Major Urban Areas	Cities Campuses Companies Communities

GOAL: 200 LOW CARBON ZONES & 1,000 LOW CARBON PARTNERS

LOW CARBON ZONES	LOW CARBON PARTNERS
Target: 50 by 2021 100 by 2025 200 by 2030	Target: 250 by 2021 500 by 2025 1,000 by 2030

REDUCE EMISSIONS & INCREASE SEQUESTRATION



Maximize building energy efficiency and increasing adoption of renewable energy



Maximize water efficiency and increase adoption of rainwater harvesting



Increasing the use of public transport (bus), cycling, walking and other low carbon modes



Reduce the amount of waste that goes to the landfills



Maintain or increase the number of trees and green spaces in the city

CITY BENEFITS

- CLEENER, COOLER, HEALTHIER** and **CHEAPER** cities for the Rakyat
- ATTRACT FDI** – MNCs and Investors
- PLATFORM FOR GOVT INITIATIVES** - Zero Single Use Plastic, EE, RE, CE, EV
- BOOST LOCAL GREEN ECONOMY** – SMEs, Green Jobs, Green Skills

ORGANISATION BENEFITS

- ENHANCE REPUTATION** - be an industry leader in low carbon initiatives and climate action
- DELIVER EFFICIENCIES** - reduce cost of doing business by improving resource use and reducing wastage
- FACILITATE COMPLIANCE** - Future proof your organisation

REFERENCE: LOW CARBON CITIES FRAMEWORK (LCCF)

OBJECTIVE 1

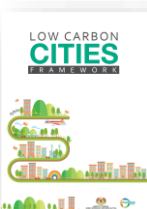
Measure & quantify the actual carbon emissions

OBJECTIVE 2

Guide PBTs in transforming their cities into LCC

OBJECTIVE 3

Create awareness and promote LCC in Malaysia



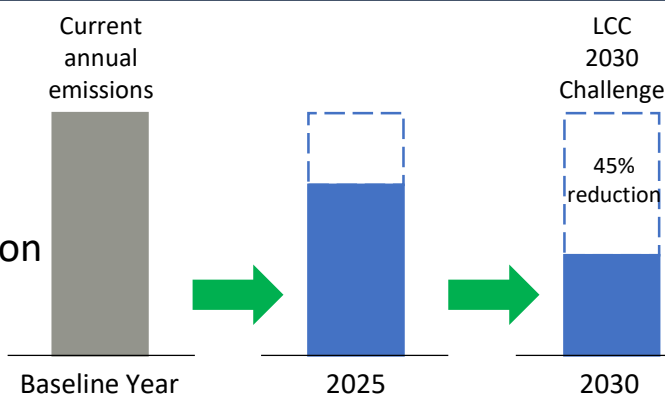
V2: 2017

LCCF is a national framework to guide the development of low carbon cities and to support holistic sustainable development in Malaysia.

EMISSIONS REDUCTION VERIFICATION by MGTC

MEASURE → MANAGE → REDUCE → VERIFY

- Energy:** Monthly electricity bills
- Water:** Monthly water bills
- Mobility:** Vehicle count or fuel consumption
- Waste:** Monthly waste disposal
- Greenery:** Size of green area



RECOGNITION by KASA

Provisional Certificate: Develop baseline and pledge commitment to reduce emissions

Diamond Recognition: Achieve emissions reduction in energy, water, mobility & waste and maintain or increase sequestration based on the Diamond Scale

◆	1 Diamond	1% reduction
◆ ◆	2 Diamonds	5% reduction
◆ ◆ ◆	3 Diamonds	10% reduction
◆ ◆ ◆ ◆	4 Diamonds	25% reduction
◆ ◆ ◆ ◆ ◆	5 Diamonds	45% reduction

Note: For the Diamond Recognition, each element will be individually rated.

PROCESS FLOW

Attend the LCC 2030 Challenge Briefing by MGTC

Book a consultation session

Submit Registration Form

Pay One-Time Registration Fee (upon confirmation)

LCC Audit @ Applicants Premise (upon acceptance of submission)

Submit LCC Report

Prepare LCC Report (Baseline, Action Plan & Emissions Reduction)

Conduct a Private Workshop / Attend Clinic Sessions @ MGTC

Audit Report Presentation at LCC Technical /Steering Committee

Final Result

Pay Audit Fee (upon successful award of certificate)

Low Carbon Cities Awards

FEES

*Place of worship & school: categorised as Special Category Low Carbon Partner with 50% discounts

One-Time Registration Fee

Low Carbon Zone	: RM 5,000
Low Carbon Partner	: RM 1,500*

Audit & Verification Fee

Baseline	: RM 2,000*
Emissions Reduction	: RM 3,000*