



TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE AND ITS IMPACTS

Kuala Lumpur will be a low carbon and climate smart city by 2040 to address the global effects of climate change and to protect the city against its impacts

Kuala Lumpur Commitment to SDG 13

POLICIES AND PLANNING FRAMEWORK

Kuala Lumpur 2040

GOAL 4: A low carbon and climate smart city:-

- PR1** Build resilience to natural disaster and climate change by preparing plans of actions, empowering data and information and improve its management and enforcement
- PR2** Efficient management of the city resources by using technologies, produce renewable energy and ensure productive management of waste
- PR3** Reduction in the city's carbon emission by encouraging low carbon buildings, use of green and low carbon transportation modes and clean and green industries.
- PR4** Transform into low carbon community when people collaborate to reduce CO2 emissions.

ON-GOING PROJECTS AND PROGRAMMES

Greening Program

- Community gardens

Low Carbon Buildings

- Low energy building
- Green rated building

Green Mobility

- Public transit
- Micro-mobility
- EV charging in buildings

Community Participation

- KL Car Free Day
- Recycling programs
- Zero plastic campaign

Pilot Project

- Low Emission Zone (LEZ)

Flash Flood Mitigation Program

Smart tunnel, Flood retention ponds, Stormwater channels

TARGETS

Kuala Lumpur support Malaysia's commitment to reduce carbon emission intensity of per capita GDP by 45% in 2030, in comparison to emission intensity in 2005.

↓70%

Reduce carbon emission intensity in 2030.

neutral

Kuala Lumpur will become a carbon neutral city in 2050.

Kuala Lumpur Progress to SDG 13

1 Flash flood mitigation programs and alternative water resource

KLCH and Department of Irrigation have built 27 retention ponds across the city to mitigate flash flood occurrence during heavy downfalls to reduce impact of floods. The excess water is captured and stored as alternative water resource during drought season. Stormwater Management and Road Tunnel or SMART Tunnel is Kuala Lumpur pivotal project to reduce the city's floods.

27 retention ponds across the city to mitigate flash flood occurrence during heavy downfalls

SMART Kuala Lumpur pivotal project to reduce flash floods

Stormwater Management and Road Tunnel or SMART Tunnel started operation in July 2007 with 9.7 km length.

160 km SMART catchment

3 mil cubic meter Total storage capacity

RM 1.933 Bil Cost of project

RM556 Mil Total benefit from 2007 - 2020

2 A low carbon urban society

By 2050, Kuala Lumpur is likely to increase its emission by 2.3 times (BAU) and it has embark on community-based programs to change its society.

