

HIGH LEVEL TALKS ON CITY-TO-CITY COLLABORATIONS TOWARDS ZERO CARBON KUALA LUMPUR : Initiatives Towards Carbon Neutrality And Possibilities For Further Collaboration In The Future

DEWAN BANDARAYA KUALA LUMPUR

NIK MOHAMMED FAIZAL BIN NIK ALI

Architect

Department of Project Implementation and Building Maintenance, Kuala Lumpur City Hall



KUALA LUMPUR LOCATION



Kuala Lumpur today is Malaysia's engine of growth, leading the country's economic productivity, driving sociocultural trends and shaping the nation's future.



Road to Carbon Neutral: Kuala Lumpur Low Carbon Society 2030 to Carbon Neutral City 2050

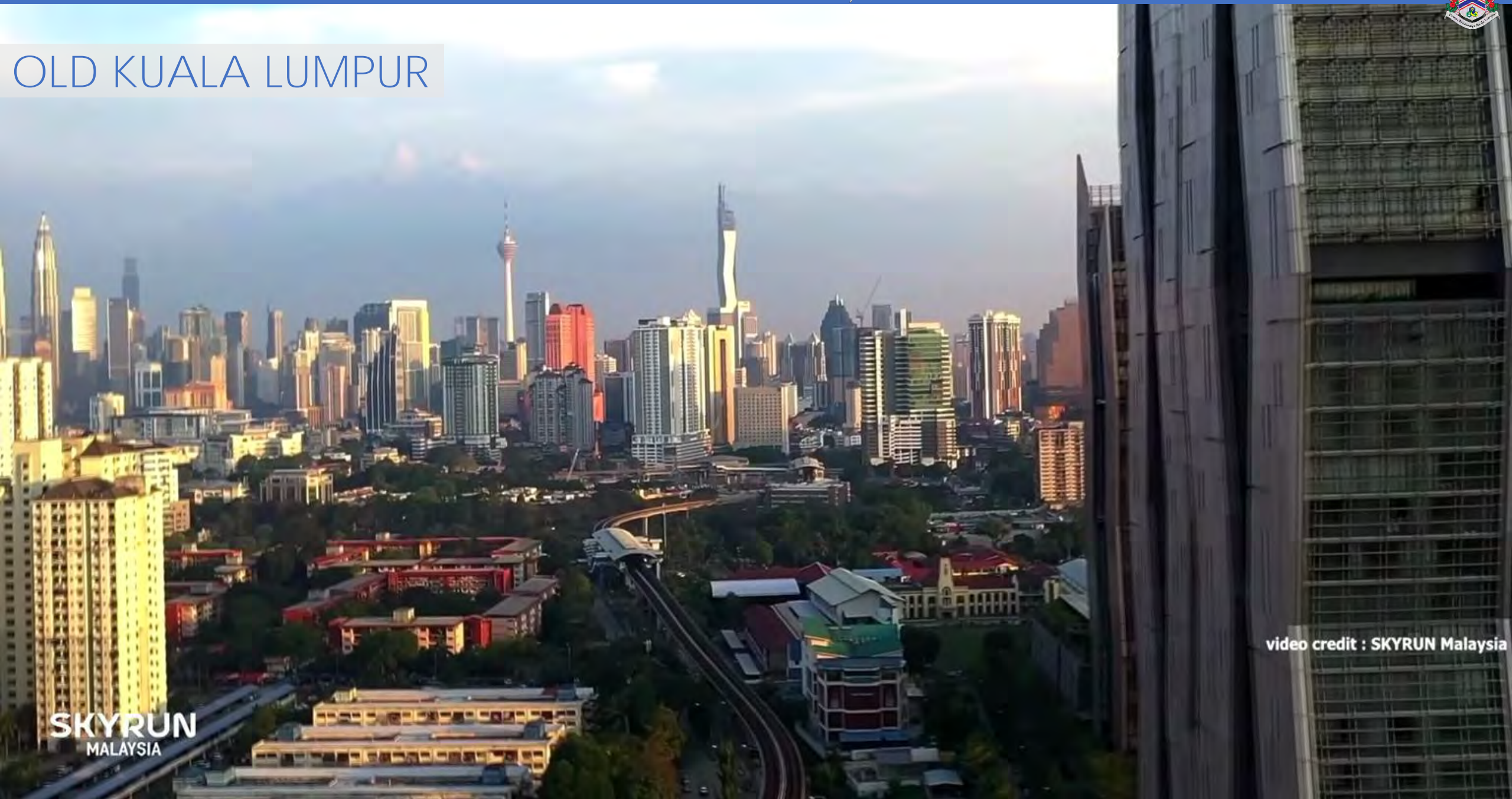
KUALA LUMPUR LOCATION



SKYRUN
MALAYSIA

video credit : SKYRUN Malaysia

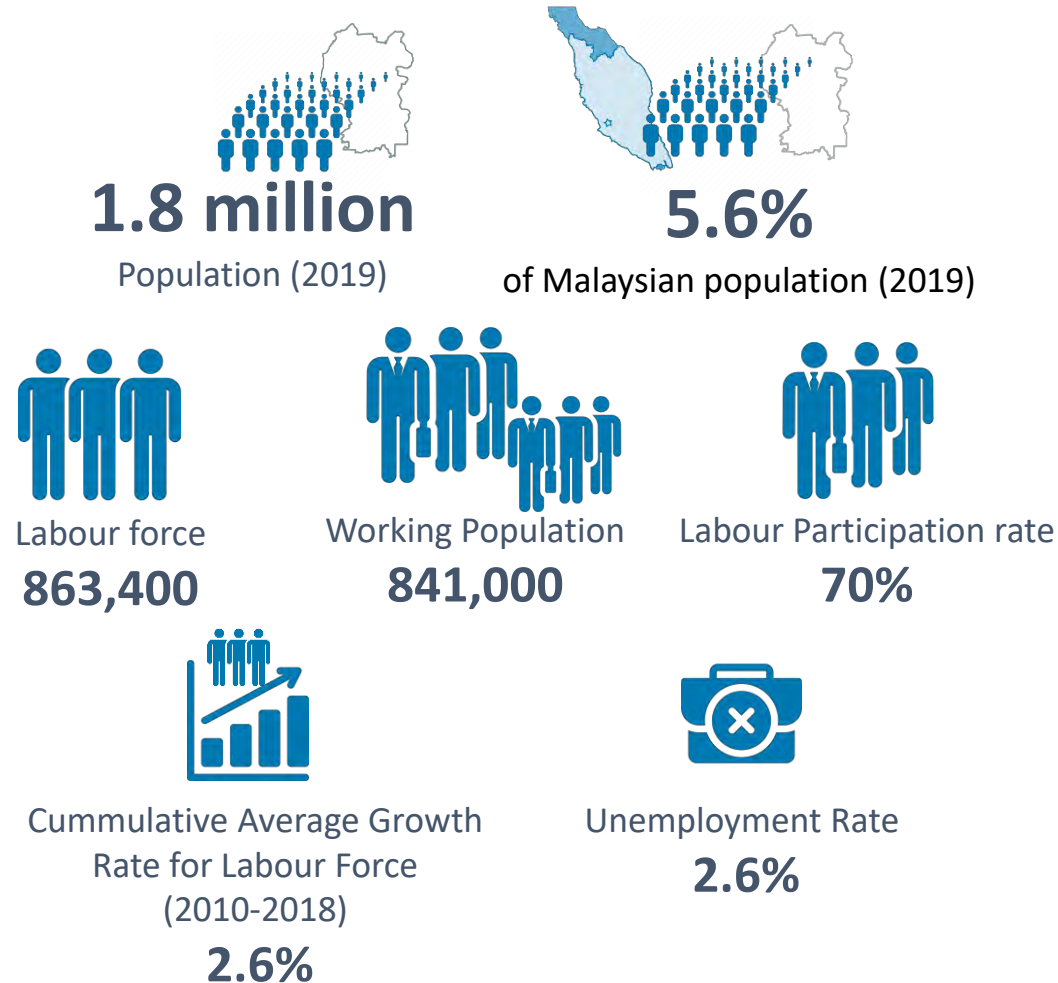
OLD KUALA LUMPUR



SKYRUN
MALAYSIA

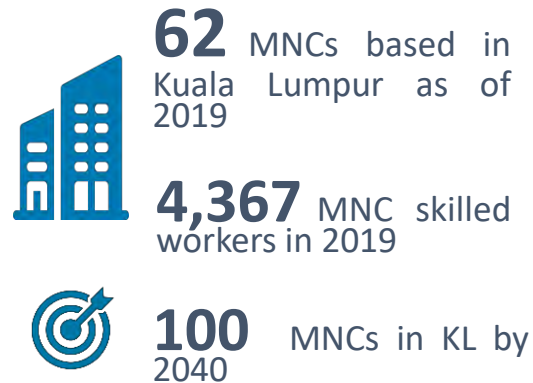
video credit : SKYRUN Malaysia

KUALA LUMPUR TODAY



*Source: Draft of PSKL 2040

Multinational Companies (MNCs)



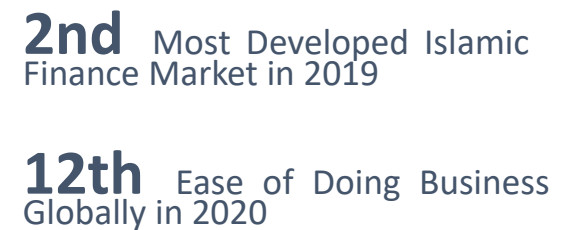
Tourist Destination



Global Employment Hub

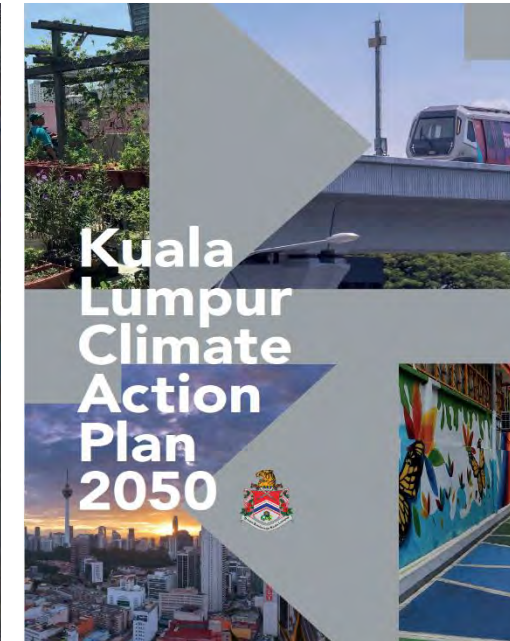
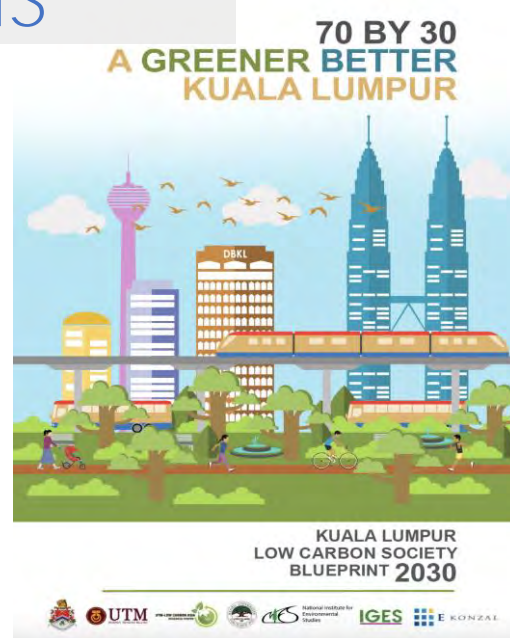


Global Positioning



*Source: Draft of PSKL 2040

MASTER PLANS



SUSTAINABLE DEVELOPMENT GOALS (SDGs)



Raise public awareness of our commitment to our sustainability agenda

PARTNERS & COLLABORATORS

NATIONAL



INTERNATIONAL



UN-HABITAT SCROLL OF HONOUR AWARD & C40 CITIES BLOOMBERG PHILANTHROPIES AWARDS[TOKYO-KUALA LUMPUR]

WUF9 LEGACY PROJECTS

UN-HABITAT SCROLL OF HONOUR AWARD

Mind the Gap. Leave No One and Place Behind



2022 KUALA LUMPUR CITY HALL



UN-HABITAT
FOR A BETTER URBAN FUTURE



SAITAMA-CITY



C40 CFF GIZ INITIATIVES



EE & SOLAR PV KUALA LUMPUR CITY HALL





AEON SOLAR PV

AEON Wangsa Maju has installed solar panels on their rooftops and parking areas, provided recycling centres in the mall as well as a dedicated section for the public to learn more about sustainability.



Kuala Lumpur has reduced emissions from this effort by 91,699 tonnes of CO₂ which is equivalent to 5558 matured trees.

VISIBILITY IS KEY

PRIVATE SECTOR-SOLAR PV EFFORTS



KL CITY HALL-LOW CARBON INITIATIVES (Renewable Energy)



PV Street Lights-Sungai Bunus



Pasar Keramat-KLCH

Kuala Lumpur City Hall has reduced emissions from this effort by 32 kilo tonnes of CO2 which is equivalent to 1960 matured trees.



RE: Vertical Axis Turbine-Zero Energy Kiosk



Pasar Harian Selayang-KLCH



PV Street Lights-Bukit Jalil

PLANTING MORE TREES



From 2010 until 2022, Kuala Lumpur has planted a total of 170,351 mature trees and it can absorb carbon in the city as much as 2,810,792 tonne CO₂.



Pocket Park





1 COMMUNITY 1 RECYCLE PROGRAMME



In 2021, Kuala Lumpur has reduced carbon emissions by 47.29 kilo tonnes of CO₂, the difference with 2014. The difference is equivalent to the planting of 2866 trees



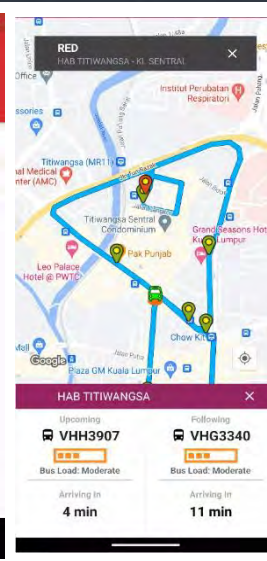
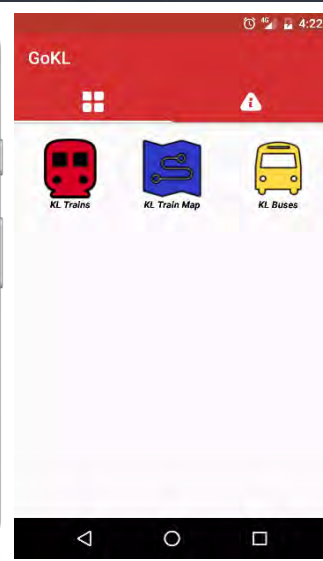
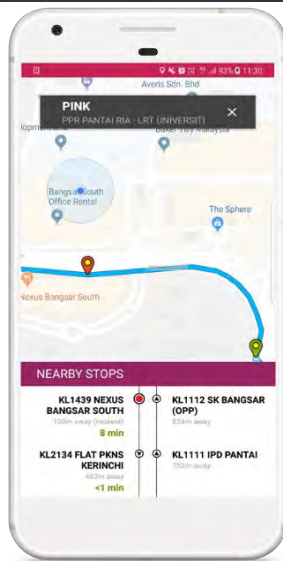
EV BUS : FIRST-MILE LAST-MILE CONNECTIVITY



GoKL City Bus free bus service to go fully electric by early 2023, using 60 Malaysian-made SKS EV buses

In Hybrids, EVs and Alternative Fuel, Local News, Public Transport / By Anthony Lim / 28 October 2021 6:42 pm / 9 comments

Since the use of EV GOKL Buses in 2022, Kuala Lumpur has reduced as much as 593 tonnes CO₂ which is equivalent to 36 matured trees.



ELECTRIC TRAIN : FIRST-MILE LAST-MILE CONNECTIVITY

Klang Valley Integrated Transit Map

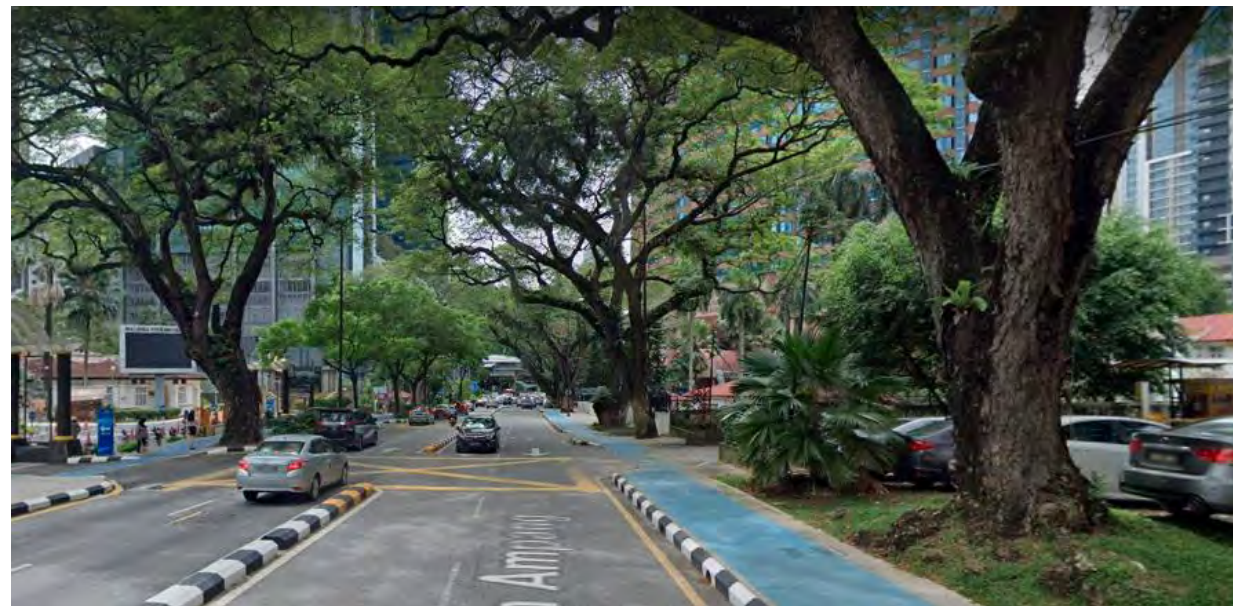


Kuala Lumpur-KL Sentral



The Electric Train Transportation System has successfully enabled the transportation sector to contribute to the reduction of Kuala Lumpur City's carbon emissions by 47,341 tonne Co2 in 2022. This value is equivalent to carbon absorption by 2869 trees.

PEDESTRIAN AND CYCLING NETWORK





CAR FREE AREA

This Car Free Area is fully pedestrianised with street artists, buskers, entertainers, cultural performances and food carts.



Percentage of Land Use in Wangsa Maju CNGC

Category	Percentage
Housing	31.53%
Transportation	30.24%
Vacant Land	16.28%
Facilities	6.64%
Commercial	6.13%
Open Spaces	3.62%
Water Bodies	2.77%
Infrastructure & Utility	1.88%
Industry	0.91%

Year 2020
215,695

50.8% (Men)
49.2% (Women)



CARBON NEUTRALITY OPPORTUNITIES IN WANGSA MAJU GROWTH CENTRE



CONCLUSION



Arigatou gozaimasu
ありがとうございます
Thank You!
Terima Kasih!

