



A GREENER, BETTER KUALA LUMPUR



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KUALA LUMPUR

The Capital and the largest city in Malaysia.

LAND AREA

242km² (24,221 hectares)

POPULATION (2018)

1.87 million people

POPULATION DENSITY

7407 person/sq.km

VISION

“A World Class Sustainable City”



KUALA LUMPUR'S DRIVING FORCE



**It is the largest city in
Malaysia:**

1,674,621 (2010)

2,198,400 (2020)

2,488,399 (2030)



**Gross Domestic Products
(GDP) (Mil.(RM))**

84,852 (2010)

227,621 (2020)

399,013 (2030)



**Fastest Growing Region /
Global City:**

With growth rate of 9.2% pa
in 2010, KL is home to several
national and multinational
companies

70 BY 30 A GREENER BETTER KUALA LUMPUR



KUALA LUMPUR
LOW CARBON SOCIETY BLUEPRINT 2030



Kuala Lumpur aims to reduce the City's carbon emissions intensity of GDP by **70% by 2030**, (based on the 2010 level) without compromising its vision and economic growth targets.

KUALA LUMPUR: LOW CARBON SOCIETY INITIATIVES



KUALA LUMPUR: 10 MAIN ACTIONS OF THE LOW CARBON SOCIETY BLUEPRINT 2030

1. Green Growth
2. Energy Efficient Spatial Structure
3. Green Mobility
4. Sustainable Energy System
5. Community Engagement and Green Lifestyle
6. Low Carbon, Green Building
7. Green and Blue Networks
8. Sustainable Waste Management
9. Sustainable Water and Wastewater Management
10. Green Urban Governance

KL LCSBP 2030 PROGRAMMES IMPLEMENTATION STATUS

10
Completed
Programmes

147
Ongoing
Programmes

100
New
Programmes

KL LCSBP 2030 COMPLETED PROGRAMMES

1. ENHANCE THE USE OF EFFECTIVE VARIABLE MESSAGE SIGNS; ON DELIVERING GREEN INFORMATION TO PUBLIC
2. ALL FORESTS ARE GAZETTED FOR PUBLIC PURPOSE
3. DEDICATED CYCLE LANES IN DOWNTOWN AREA OF KUALA LUMPUR
4. PROPERTY DEVELOPERS ARE ENCOURAGED TO BUILD GREEN BUILDINGS WITH SPECIAL INCENTIVES PACKAGE
5. AIR-CONDITIONED ELEVATED WALKWAYS ARE USING SOLAR ENERGY
6. KUALA LUMPUR CAR FREE MORNING
7. DIESEL POWERED VEHICLES ARE RUN BY B10 BIODIESEL
8. 50 000 CONVENTIONAL CHANGED TO LED STREET LIGHTS

KL LCSBP 2030 ONGOING PROGRAMMES

1. STREET PLANTINGS FOR SHADES TO ENCOURAGE WALKING AND CYCLING

2. FREE BUS RIDES WITHIN DOWNTOWN AND PUBLIC HOUSING AREAS

3. ENERGY SAVINGS MANAGEMENT PLAN SAVES KUALA LUMPUR CITY HALL ELECTRICITY BILL

KL LCSBP 2030 NEW PROGRAMMES

1. PROMOTING ELECTRIC CARS IN KUALA LUMPUR

2. BUYING ELECTRIC MOTORCYCLES FOR KUALA LUMPUR CITY HALL ENFORCEMENT TEAM

3. SOLAR POWERED WORKSHOP TO BE CONSTRUCTED BY AUGUST 2019

4. COMPOSTING VEGETABLES WASTE TO ANIMAL FEEDS

SAMPLE OF PROGRAMMES IMPLEMENTED TO ADDRESS THE ISSUES OF CLIMATE CHANGE IN KUALA LUMPUR

1. Solar farms
2. Solar energy to light up the Metropolitan Park, Kuala Lumpur
3. Green Waste Programme
4. Value Food, No Waste
5. Used Cooking Oil (UCO) Collection Campaign to produce Biodiesel and candles
6. Recycle Campaign
7. Litter-Free Night Market Campaign
8. But the most important programme is the Bioconversion Of Organic Waste Using Black Soldier Fly

CHALLENGES IN IMPLEMENTING CLIMATE CHANGE INITIATIVES

1. CAPACITY BUILDING

- Reskilling, cross-skilling, and upskilling of new work practices.

2. HUMAN CAPITAL ENHANCEMENT

- Shortage of skills and inadequate training provisions; insufficient supply of human capital

3. ADEQUATE FUNDING AND INCENTIVE SUPPORT FOR MORE RENEWABLE ENERGY PROJECTS.

CONCLUSION

- ❑ These initiatives need everyone's commitment; government, private developers, NGO's, local communities as well private individuals. Together, they need to shoulder the shared responsibilities of implementing the programmes to reduce the city's carbon emissions.
- ❑ It is a big challenge to Kuala Lumpur City Hall (KLCH) as a comprehensive awareness and outreach programme for all stakeholders is needed. Indeed, it should be treated as our way of life to reduce carbon emissions.
- ❑ Based on the projection (base year 2010), a reduction of more than 43% in carbon emissions will be achieved by 2020. We need to act now and act together towards achieving the 70% reduction target by 2030.



THANK YOU

TERIMA KASIH, DZIĘKUJĘ, DANKE, ありがとう