

7 AFFORDABLE AND CLEAN ENERGY



ACCESS TO AFFORDABLE, RELIABLE, SUSTAINABLE AND MODERN ENERGY

Kuala Lumpur is the centre for business and finance and has committed to a well-established energy system that will support all sectors of economy, urban and social services

Kuala Lumpur Commitment to SDG 7

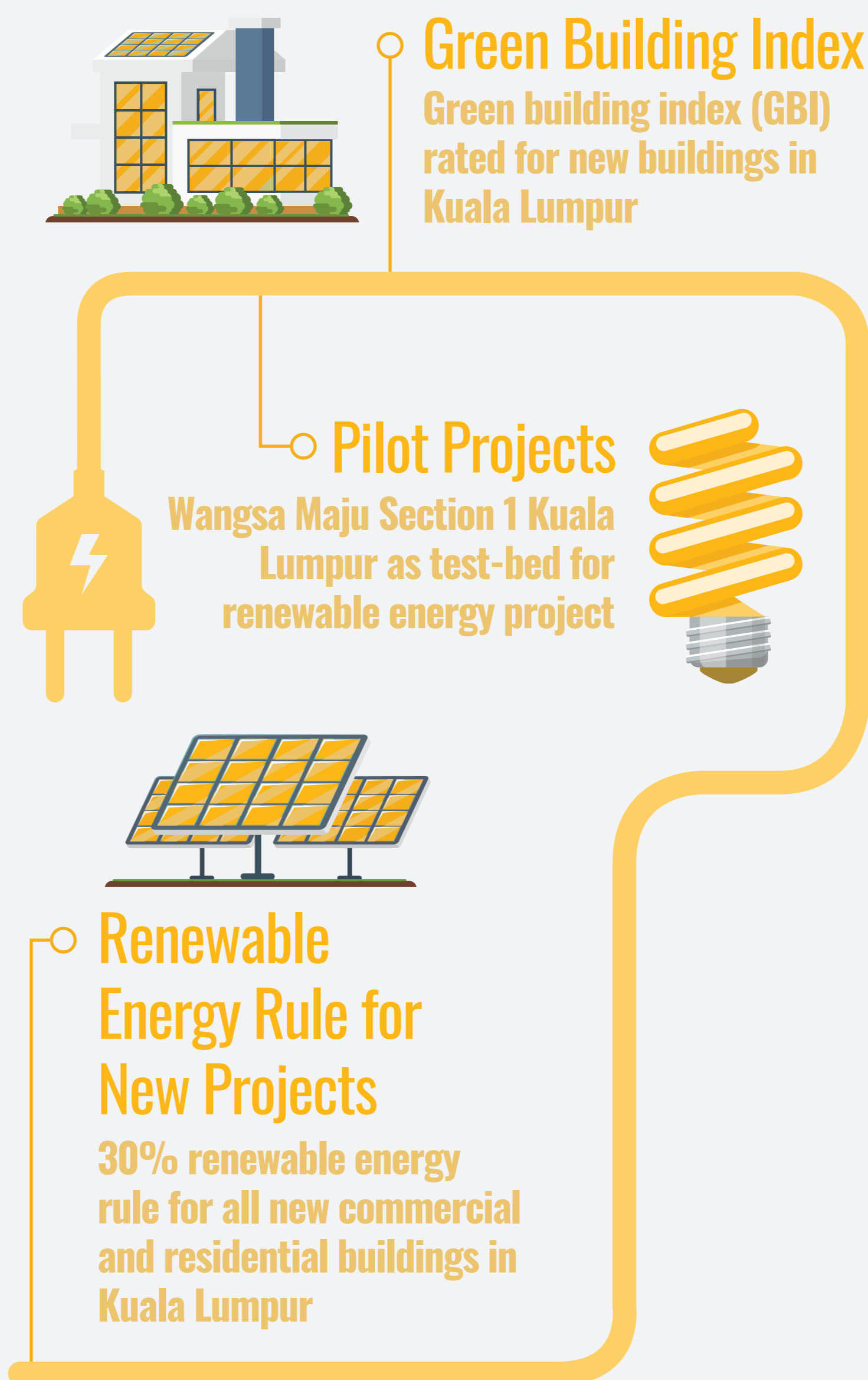
POLICIES AND PLANNING FRAMEWORK

Kuala Lumpur 2040

Kuala Lumpur 2040 focuses on improving the energy systems through the following strategies:-

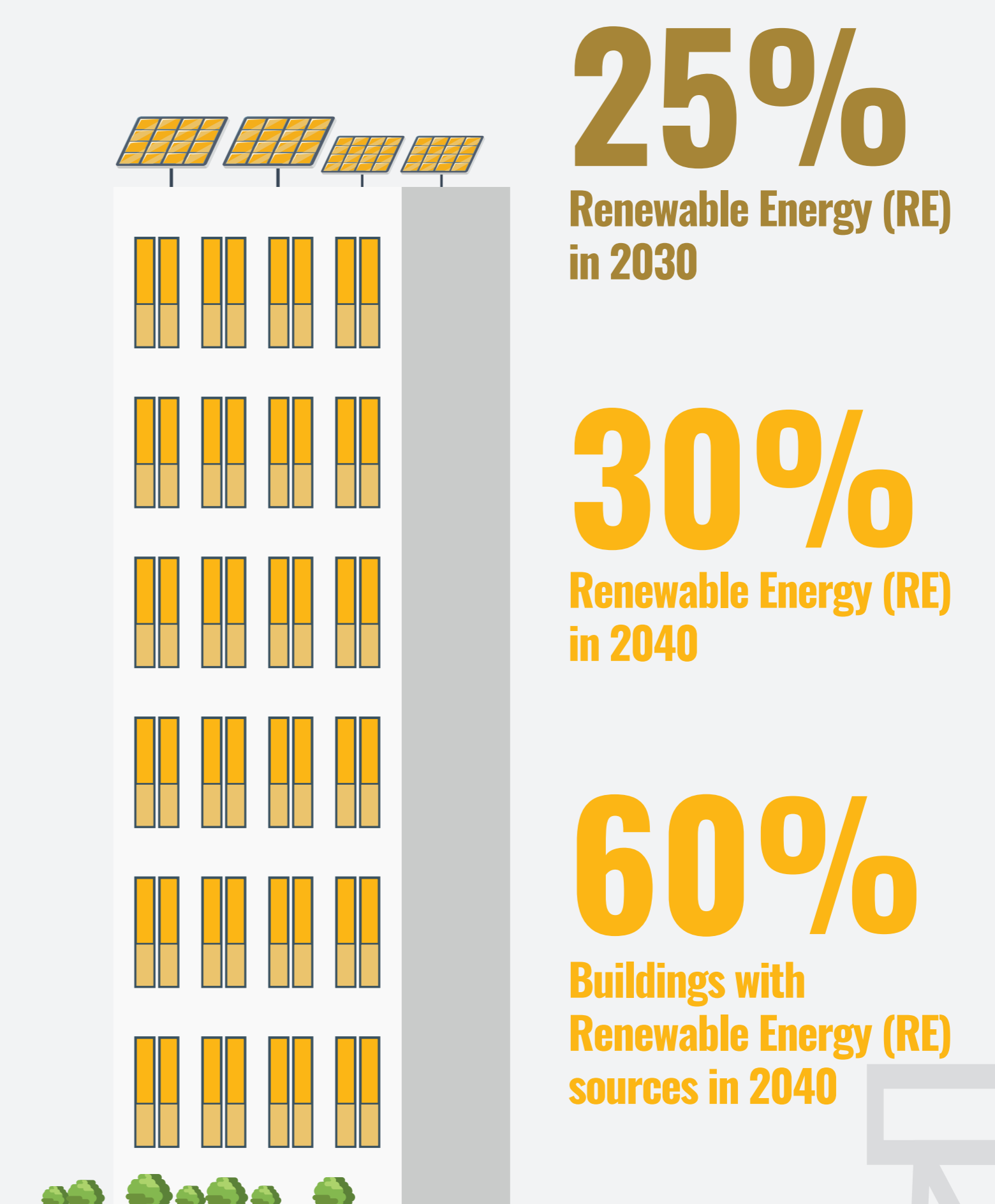
- PR2.1** Encourage the use of renewal energy in all future development to achieve its set target
- PR2.2** Improve energy efficient systems by application of Smart Operations for better System Average Interruptions Index (SAIDI) performance, power storage system, smart grid system and district cooling system
- PR2.3C** Recover energy from waste through development of Waste to Energy facilities that will be implemented at shopping malls, convention centres and key strategic locations
- PR3.1** Reduce and efficiently use energy by encouraging low carbon buildings through application of resource efficient building technology and sustainable urban design buildings
- PR3.3** Implement a low carbon emission zone where zero energy buildings are encouraged

ON-GOING PROJECTS AND PROGRAMS



TARGETS

Renewable Energy Target

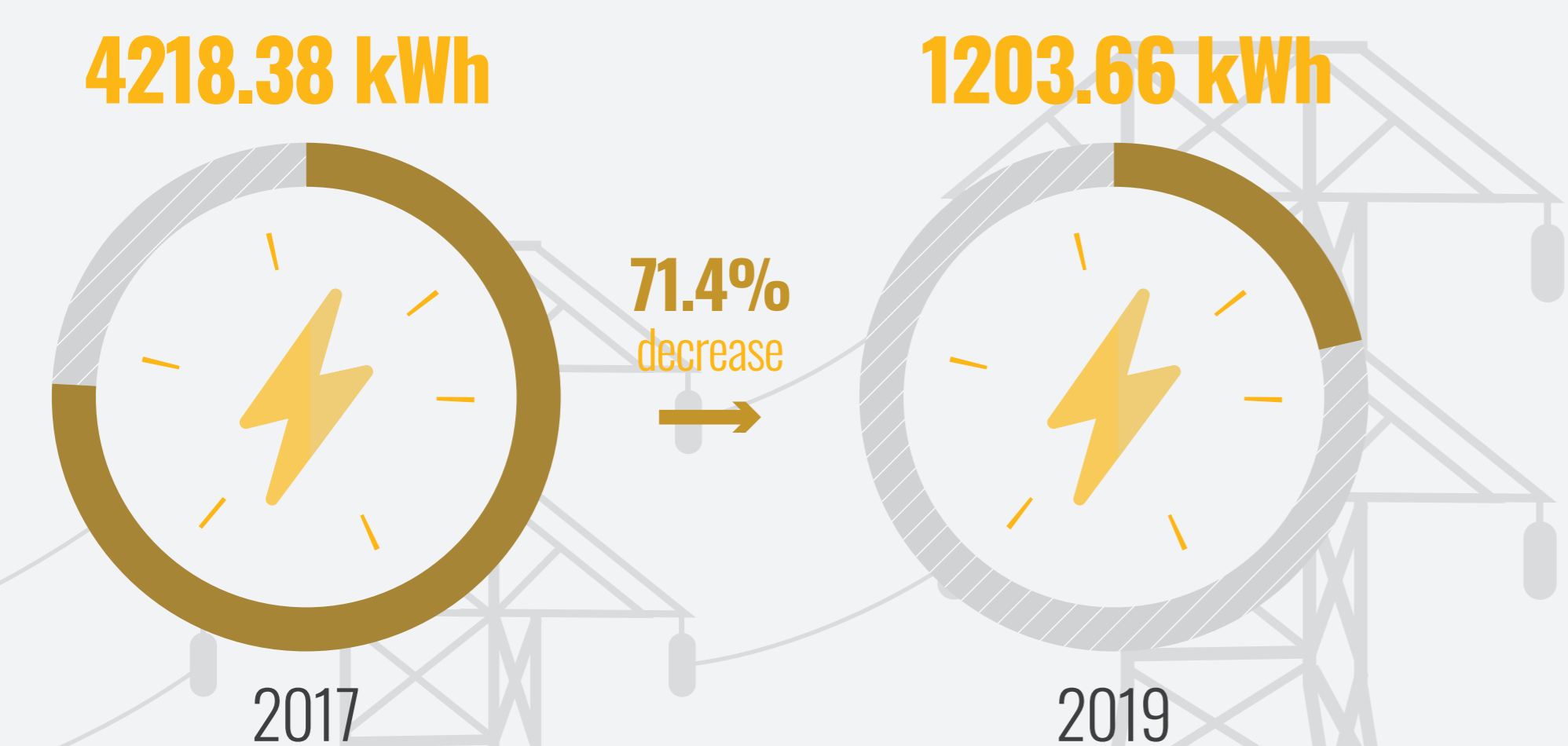


Source: Kuala Lumpur Structure Plan 2040

Kuala Lumpur Progress to SDG 7

1 Declining In Domestic Electricity Consumption

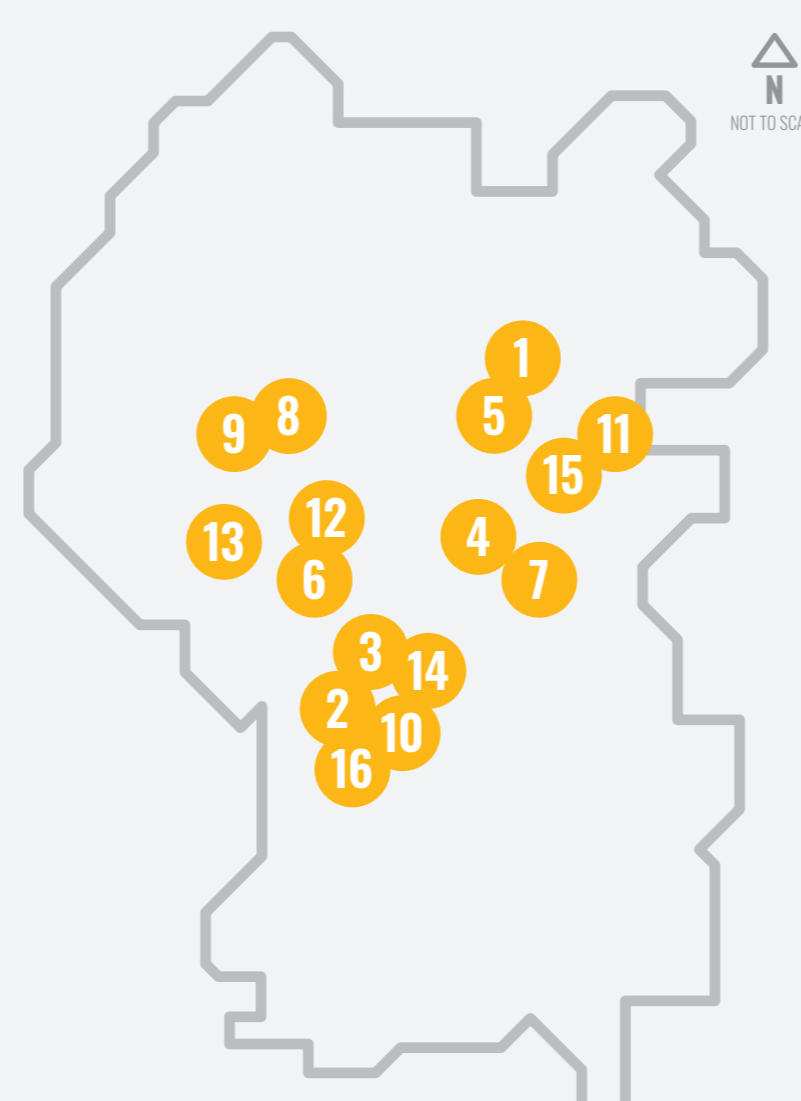
Current Kuala Lumpur has recorded a significant decrease in their **domestic electricity consumption from 4218.38 kWh** in 2017 to **1203.66 kWh** in 2019, a **71.4%** decrease.



Source: Kuala Lumpur City Hall

2 Energy Efficient Accredited Buildings

There are **30 green buildings** in Kuala Lumpur and 16 has been **certified either for LEED Building, LEED for Neighborhood Development, Green Mark or GBI**.



1. Goldman Sachs Office
2. KL Eco City Boutique Office
3. KL Eco City Strata Office
4. Tun Razak Exchange
5. Bloomberg Kuala Lumpur
6. Damansara City Office Tower A
7. My KLCSA Aml L10 Expansion at Capsquare
8. 11 Mont' Kiara
9. 12 Mont' Kiara
10. BHP Billiton Shared Services Centre Malaysia Sdn Bhd
11. Gtower
12. Ken Bangsar
13. Sunway Palazzo
14. BHP Shared Services Malaysia Sdn. Bhd.
15. KL Citibank Tower
16. Yinson Holdings Berhad

Source: The Green Building Information Gateway