

SEBERANG PERAI CITY COUNCIL (MBSP), PENANG, MALAYSIA

DATO' AZHAR BIN HAJI ARSHAD
Mayor Of Seberang Perai



LOCALIZING THE IMPLEMENTATION OF SUSTAINABLE DEVELOPMENT GOALS

VISION

Seberang Perai Resilient, Inclusive, Green, Competitive and Technology Driven Smart City

MISION

To provide urban service, development planning and infrastructure efficiently, effectively and responsive to the needs of the community in Seberang Perai



Seberang Perai Commitment:

- i. Seberang Perai City Council is committed to uphold **Penang2030 "A Family Focused Green and Smart State That Inspires The Nations"**
- ii. Seberang Perai City Council is committed to a **green and low emission** development.
- iii. Seberang Perai City Council is committed to be **resilient city**.
- iv. Seberang Perai City Council is committed to being **inclusive, equitable** and to be **people-centered** in developments.
- v. Seberang Perai City Council is committed to be **competitive** and a **smart city** in developments.



Seberang Perai City Council Sets Its Target Of Becoming Carbon Neutral City By 2030, Which Is 10 Years From January 2020 And Becoming Zero Carbon City By 2050

SEBERANG PERAI CORPORATE KPIs



Recycling increase to 70%



Solid waste reduce by 50% per capita from 1.6 kg per capita to 0.8 kg per capita per day.



Reduction of Green House Gases (GHG) emissions from 8 tons of CO₂e to 4 tons of CO₂e.



15% renewable energy consumption (RE)



100% LED streetlights



Central Business District (CBD) with TOD concept for each district



Seberang Perai Circular Economy Roadmap implemented

Seberang Perai Circular Economy Roadmap

Post Covid-19 Economic Focus

Seberang Perai City Council is emphasizing a circular economy and digital economy that improve the efficiency of urban and rural developments. In a circular economy, product, components and resources are designed to be maintained, reused, re-manufactured and recycle to minimize waste.



CIRCULAR ECONOMY





Seberang Perai Circular Economy Roadmap

Post Covid-19 Economic Focus



**WASTE TO
PROTEIN**

**WASTE TO
COMPOST**

**WASTE TO
ENERGY**

- The people of Seberang Perai produce 1600 tons of solid waste per day.
- A total of 700 tones of domestic solid waste is generated while the rest is industrial solid waste.
- To reduce the amount of domestic solid waste disposal in Seberang Perai, MBSP has plans to implement projects that include Waste To Energy, Waste To Protein & Waste To Compost.
- New products will be produced such as wood chips, animal feed, fertilizers and even new sources of electricity.
- Through this project, MBSP intends to treat 100% of domestic solid waste generated in Seberang Perai (zero waste).





Thank You