



MesTch EMS Sdn Bhd

Think Green, Mind My Carbon

EPOWEROS

1. Founded in Malaysia and incorporated on 2024
2. In 2025, Mestron Holdings Berhad became a strategic shareholder, strengthening our foundation and supporting our growth
3. Following Mestron Holdings Berhad's investment in 2025, MesTch expanded its product portfolio to include renewable energy solutions, complementing our core Energy Management System (EMS).
4. Collaboration with Taiwan design house to develop and localize the EMS due to local demands and requirements. Our backend partners have many years of experience in this field
5. Our core product EMS is enhanced with IoT technology, enabling real-time monitoring, advanced data analysis, and control
6. Energy management forms the core of our platform, serving as the basis for extending into other applications such as efficiency optimization, sustainability reporting, and smart facility integration



Energy Management System (EMS)



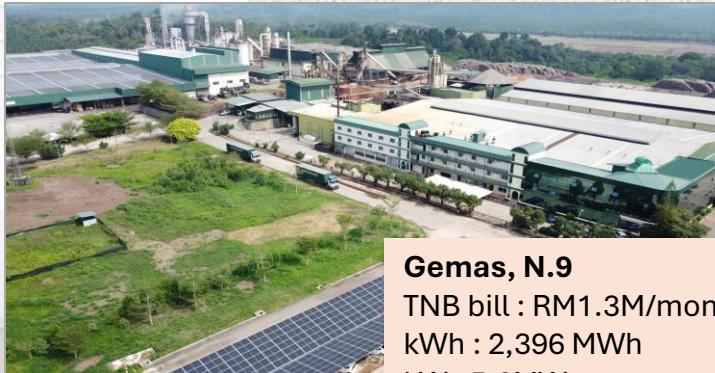
The system composed of hardware devices and software

- 1 . Instant energy consumption profile.
- 2 . Monitor equipment operation efficiency and improve its efficiency.
- 3 . Historical data analysis and reasonable calculation of energy consumption.
- 4 . Establish energy management benchmarks.
- 5 . Immediate warning and abnormal management notification.
- 6 . Remote monitoring to reduce manpower load.

Clients & Collaboration Partners



Kamunting, Perak
TNB bill : RM3M/month
kWh : 6,346 MWh
kW : 12.5MW



Gemas, N.9
TNB bill : RM1.3M/month
kWh : 2,396 MWh
kW : 5.6MW



Kamunting, Perak
TNB bill : RM1.5M/month
kWh : 3,547 MWh
kW : 5.7MW



Kuala Lumpur
TNB bill : RM1.3M/month
kWh : 2,396 MWh
kW : 5.6MW



Bukit Tagar, Selangor
TNB bill : RM400k/month
kWh : 932.8 MWh
kW : 1.5MW



Shah Alam, Selangor
TNB bill : RM300k/month
kWh : 866 MWh
kW : 1.4MW



Gurun, Kedah
TNB bill : RM51k/month
kWh : 85.07 MWh
kW : 5.6MW



Site Visit and Installation



Puchong, Selangor

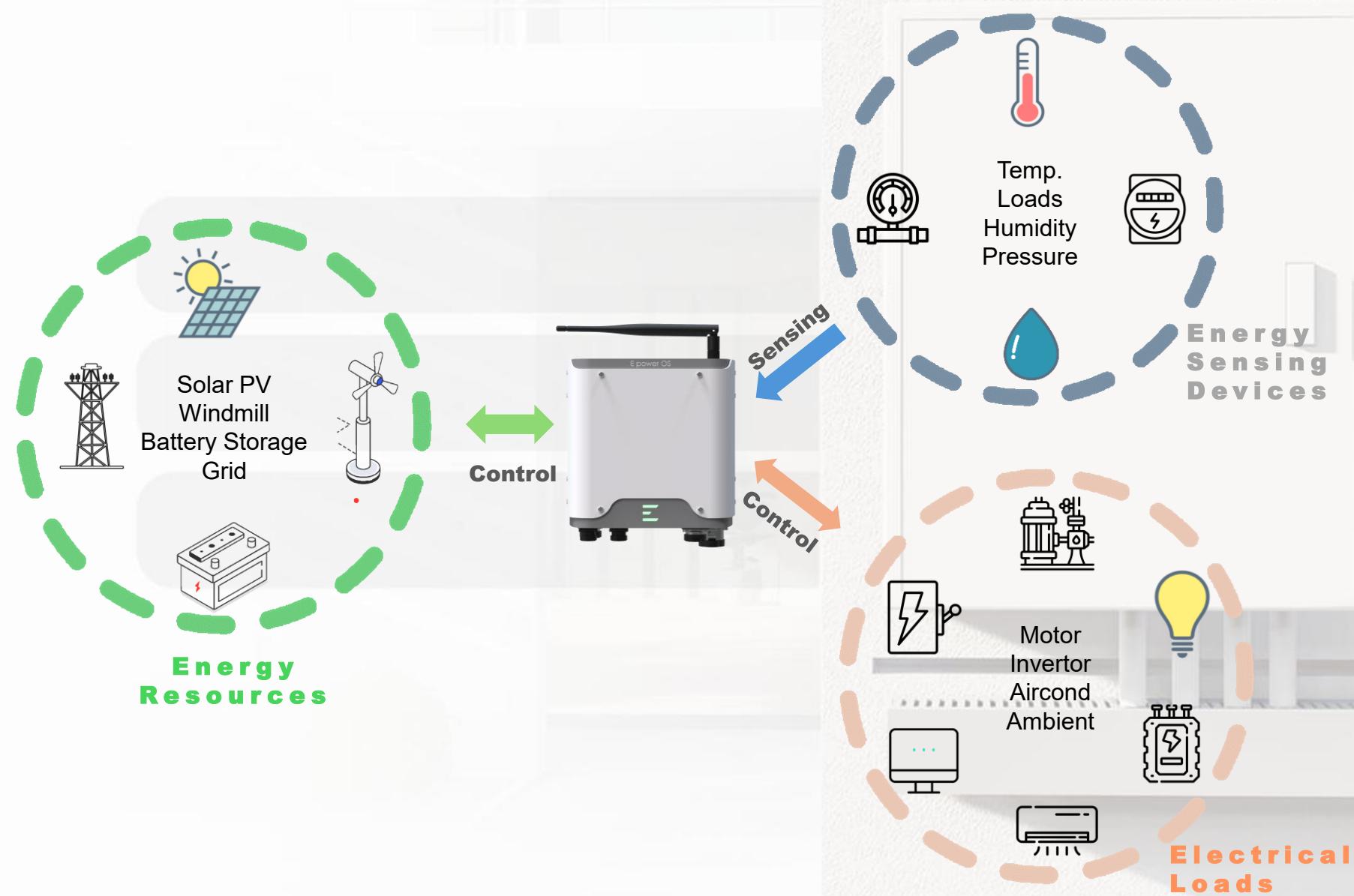


Pasir Gudang, Johor



Bukit Tagar, Selangor

EMS Structure for Energy Optimizing



Data Collection

Energy Monitoring
Controlling and Managing
Customize user parameters



Alerts

Abnormalities alert
Parameters alert

Components Certifications

