

## **UMS' Sustainable Energy Management Policy**

### **Background**

The UMS' Sustainable Energy Management Policy is a policy that was established in 2018. It is a policy to re-enforce UMS' commitment towards the creation of a sustainable environment and the reduction of greenhouse gases.

### **State of Policy**

UMS aims towards the reduction of climate change effects, carbon emission and cost associated with energy security and utilities in campus; driven by a plethora of innovative, creative, measurable and well-founded sustainable initiatives without comprising the comfort, health and safety of the campus community.

### **Key Objectives**

The key objectives of UMS' Sustainable Energy Management Policy are as follows:

1. To empower the campus community to make the difference through their environmental awareness and mindset change, knowledge acquisition, skills and values via excellence in teaching, learning and research;
2. To reduce the university's level of carbon footprints by educating energy users to minimize energy waste, with a target of reduction to 10-20% below 2017 levels by 2023;
3. To develop an energy management program structure that promotes, coordinates ideas and evaluates energy efficiency and conservation practices in the university;
4. To establish and maintain a structured system to continually monitor energy consumption and provide solutions to any energy-related issues;
5. To retrofit existing appliances and acquire energy efficient equipment, tool, or appliances to improve energy efficiency usage in the campus with a target of 5% annually.
6. To demonstrate commitment and leadership to energy sustainability, by achieving;
  - a. Green building index certification of at least four diamonds or above (GreenPASS), or 'Silver' or above (GreenRE/GBI) for all buildings;
  - b. Green building index certification of at least three diamonds or above (GreenPASS), or 'Bronze/Certified' or above (GreenRE/GBI) for all buildings;
  - c. at least a 20% of renewable and sustainable energy mix within the campus to reduce the university's dependability on fossil fuel.

### **Action Plan**