

Implementation of SDGs at the Faculty of Psychology

7. Affordable and Clean Energy

7.2. University measures towards affordable and clean energy

7.2.2. Upgrade buildings to higher energy efficiency



Energy-saving devices



Energy-saving devices

Percentage of energy-saving equipment usage:

Appliance	Total	Total amount of energy-saving equipment	Percentage
LED Lamp	352	352	100%
Fan	20	20	100%
AC Eco Smart Split.	260	260	100%
AC Packed	5	5	100%
AC Kaset	11	11	100%
		Average Percentage	100%

Description:

In upgrading its building for higher energy efficiency, the Faculty of Psychology renovated two canteens that use less electricity for lighting and use energy-efficient electronic devices in the building. Kantin Sejiwa is a green-themed canteen with open space, so it doesn't need electricity for lighting. Meanwhile, Kantin Sehat is a green-building-themed canteen that mainly uses glass windows around the building. This canteen also needs less electricity for its lighting because of this.

The Faculty of Psychology uses energy-efficient electronic devices, such as LED lamps that need less electricity, fans in some rooms to reduce freon usage, also energy-efficient air conditioners and refrigerators. We also use HVAC, which is an integrated system of heating, ventilation, and air conditioning systems. This HVAC tends to be more energy efficient and friendly to the environment than other equipment/devices. The faculty also uses a motion sensor as a light sensor, this device functions as an automatic switch that turns on the lights when it detects movement in the room. Using these light sensors can save electricity usage, especially in areas where people rarely come.