

Template for Evidence(s) UI GreenMetric Questionnaire

University : Gebze Technical University
Country : Türkiye
Web Address : www.gtu.edu.tr

[2] Energy and Climate Change (EC)

[2.1] Energy Efficient Appliances Usage



Use of LED lighting and lamps



Gas control panel



Climate control panel



Fire detectors



Door sensor

**Energy Efficient Appliances Usage: Use of mechanical equipment
(Gebze Technical University, Türkiye)**

Description:

Gebze Technical University aims to achieve further energy savings by paying close attention to energy management. All parts of the organization can assess their own energy consumption and realize their own energy-saving potential through, for example, insulation, LED lighting, door sensors, fire alarms, energy-efficient mechanical equipment, and the use of sustainable technology.

Example:

Appliance	Total Number	Total number energy Efficient appliances	Percentage
Street Lighting	704	704	100%
LED Lamp	16250	6700	41%
Boiler	32	28	88%
Radiator (Thermostaic)	3189	1349	42%
Ventilation Fan	305	270	89%
Air Conditioner	1643	1483	90%
		Average Percentage	75%