

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)

[2.5] Renewable Energy Sources in Campus





Compost machine

Renewable energy sources (Gebze Technical University, Türkiye)

Description:

Gebze Technical University aims to make effective use of renewable energy resources in line with its goal of creating a sustainable campus. In line with this goal, solar panels are installed in various parts of the campus, and there is a composting machine.

- 1) The solar panels in the first and second pictures are located in different parts of the campus. These energy panels are used by companies in GTU's Technopark for various research projects. It produces 50000 kWh of electrical energy per year. This generated electrical energy is not used as an alternative energy source in any area of the campus, but its use is planned. This generated energy is used in the project work of these companies in the Technopark.
- 2) The composting machine in the third picture is used to compost waste from the cafeteria, canteen, etc. on campus. It is planned to produce energy with the compost produced. There is no active energy production with the compost yet.