

## Evidence

### UI GreenMetric Questionnaire

University : Bursa Uludag University  
Country : Turkey  
Web Address : <http://www.uludag.edu.tr/english/default>  
Web Address for Sustainability Office: <https://uludag.edu.tr/sustainability>

#### [2] Energy and Climate Change (EC)

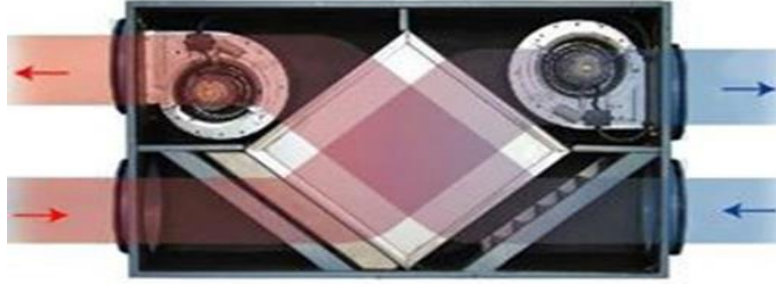
##### [2.13] Number of innovative program(s) in energy and climate change



The renovation of the central heating unit covers the conversion of existing boilers into condensing type boilers with premix burners. This renovation and the other renewals in the existing heating system will save a considerable amount of energy used for heating the buildings within the campus. This figure is an example to the boilers that is being planned to use.

Example of the energy-efficient boilers that will be used as part of the Central Heating Unit renovation project.





Heat recovery device used to save energy in air conditioners

Examples of innovative program (Bursa Uludag University, Türkiye)

#### Description:

1. The existing central heating system of the campus will be renovated as part of the greenhouse gas emission reduction program. The renovation of the central heating unit covers the conversion of existing boilers into condensing-type boilers with premix burners. This renovation and the other renewals (all of the pipes, valves, and pumps will be renovated as well) in the existing heating system will save a considerable amount of energy used for heating the buildings within the campus.
2. Heat recovery devices, which are mechanical ventilation devices designed to provide energy saving while achieving high indoor air quality in closed volumes, are used in air conditioners in buildings on campus. In order to use energy efficiently, thanks to the Energy Control feature, provides up to 60% energy savings, which can be adjusted according to the number of people in the room, temperature, and conditions.