



Student challenges in Jette

As part of a larger European research project, EnerJettic strives to raise awareness among students about sustainable ways to use energy. In particular the building A in Jette's campus has been selected to help set out the VUB future on energy saving. The project offers to all residing students the chance to take part in energy challenges over the coming year, to win sustainable prizes and to expand their knowledge on energy saving in a fun way.



During November 2020 in one building of VUB students' dormitories smart meters and sensors have been installed.



An Instagram profile and a Facebook group linked to the Enerjettic website launched monthly energy challenges.

What is EnerJettic?

VUB Jette Campus students become energy saving pioneers

To guarantee an environmentally friendly future, we need to focus not only on switching to renewable energy sources but also on a reduced and more efficient use of energy.

EnerJettic strives to raise awareness among students about sustainable ways to use electricity and heat. By measuring energy consumption and setting up various fun challenges to test which effect the daily energy use patterns of students, important information is collected to help set out the VUB future on energy saving.

The goal of EnerJettic is to look at what is needed to reduce the consumption of gas and electricity. **We will also learn which energy-saving actions can successfully roll out on a large scale in the future.**

During the Academic year 2020-2021 in all the rooms of one building in the UZ Brussel campus, metering devices have been installed to collect the consumption data necessary for this project:

- A thermostatic valve: a radiator device that continuously measures the room temperature
- A motion detector: installed above entrance door detects whether a room is empty or not. It will be anonymously linked to the data on heating setting and room temperature to learn from it.
- A range extender: ensures that collected data are sent to our servers and to students' personal online dashboard. The socket can also be used to charge devices.

On the personal area of the dedicated online dashboard, students will be able to view electricity and heating consumption at any time.



@enerjetticren Instagram wall



@enerjettic Project Facebook group



www.renaissance-h2020.eu/enerjettic

Consortium

