Schools Monitoring

EDEN project







Background

EDEN – Energy Data ENgagement – is a project that transpired from the idea of using the Internet of Things model to facilitate the spread of awareness of energy consumption within schools. The multi-utility IREN was one of the organisations also involved.

The solution

Three schools in Turin signed up to the project (Gambaro Elementary School and Nigra and De Sanctis Middle Schools). Using the WineCap™ sensor equipment to measure and send quantities to the cloud, such as temperature, humidity and CO_2, makes it possible to collect and analyse data in order to create communication strategies that enable users to make practical energy choices designed to reduce consumption.

The result

The Internet of Things has become an information vehicle that can generate ethical behaviour not just in terms of urban system management, but also in individuals. The Eden project won the Smau 2015 award in the energy efficiency sector. The full video entitled *Progetto Eden, per una scuola sostenibile* is available at YouTube https://www.youtube.com/watch?v=FB5Q4sUK5nI



The winning choice WineCap

- ✓ WSD00TH2_LD (air temperature and humidity)
- ✓ WSD00TH2CO (carbon dioxide concentration)
- ✓ WSD10MiGG (day degrees measurer and certifier)