



## **The new electricity meter that lets you to control your consumption and saves you money**

**LOCATION:** Almería

**LENGTH:** 1'36"

**SUMMARY:** Researchers from the universities of Almeria and Granada have created a ground-breaking, advanced electricity meter, so that any user, regardless of their technical knowledge, can be aware of what's happening in their electricity system.

### **VTR:**

This little device next to our electricity meter will mean that we can find out, at any time, what is happening in our electricity system, and make an energy saving plan. It's called Open Z meter and it's been designed by researchers from the universities of Almería and Granada.

**Francisco Gil**  
**UAL Researcher**

*"The main advantages that Open Z meter will provide are that it will mean that we can have the electricity consumption in our home under control, so we'll be able to decide how to manage our electricity system, and ultimately we'll be able to save energy."*

Currently we only have access to the electricity meter data, without much more information. However, with this smart meter, individuals or businesses will be able to...

**Francisco Gil**  
**UAL Researcher**

*"Know exactly what's happening in our system, if there is any appliance, for example the fridge or freezer, which is consuming too much energy, we'll be made aware and we'll be able to make a decision about that – simply change it for one that's more energy efficient. But the electricity consumption is going to be under our control."*

The device uses free software and hardware, making it the only one of its kind in the world, and it's also simple to use.

**Francisco Gil**  
**UAL Researcher**

*"Open Z meter allows any of us, through a web browser, to access what is happening in our electricity system, in a simple and comprehensible way."*

Once it has been marketed, the price will be about 100 euros, compared to other similar models which can cost between 5,000 and 10,000 euros. Another interesting use is that it can also manage renewable energy systems, such as solar power and wind power.