

Electricity consumption

Citizen, Health, Education, Hospitality, Restaurants

Electricity consumption is a point of improvement for many managers and users who are often unaware of sources of overconsumption and are poorly informed. By following up with SMATI, you can reduce your electricity consumption in a lasting and sustainable way.

The solution

- + A stand-alone sensor for consumption measurements.
- + Simple visualization of consumption over your entire estate.
- + Automatic alerts and notifications.
- + Contextualized consumption by type of use (kWh/job/year, kWh/student/year, kWh per night camping, sports facility, etc.).

The Benefits

- + Reduce the electricity bill through savings. Investments made are most often amortized in a few months.
- + Understand the origin of your consumption to better act.
- + Analyze and sustain the results of your energy action plan.
- + Compare your performance with other communities on business indicators.

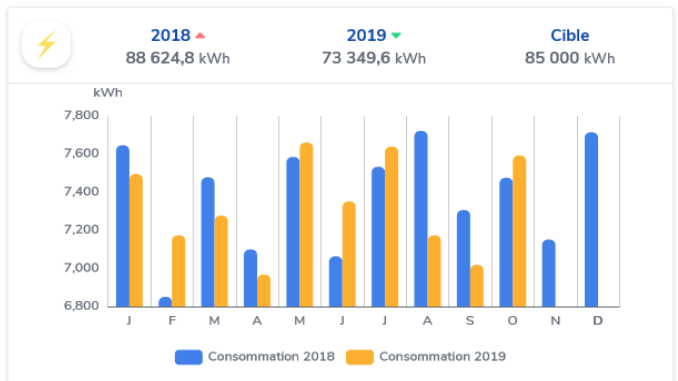
Did you know?

A NCRS study showed significant differences in consumption, depending on the presence or absence of information. Indeed, real-time information on electricity consumption was 23% lower than the initial level of consumption. Another observation: the finer the information, the greater the impact on consumption.

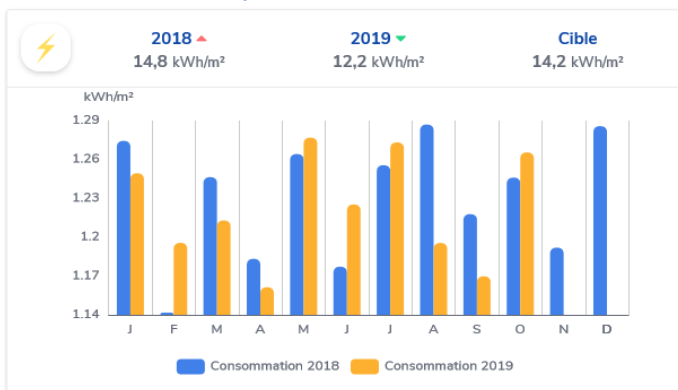
Smati application

- Collection, processing and retrieval of consumption data
- Quick overview of the installation status.
- Display of monthly average consumption in the previous and current year, and of the consumption target.
- Preconfigured and easily configurable notifications alerts
- Ability to define different rights of access and use.

Consommation d'électricité



Consommation d'électricité par m²



Sensor : NKE Pulse Sens'O

- Pulse sensor
- Operates on battery
- Autonomy between 5 and 10ans
- Low battery alert
- 24 months warranty



Connectivity: LoRaWAN™ technology

- Network that has the ability to connect all the sensors deployed in the building.
- Wireless communication without SIM card.
- Allows a long-range link between the sensor and the gateway.
- 100% integrated into SMATI environment.
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