CUSTOMER STORY

Camp Grinsby: metering a campsite on its way to energy neutral

Staf Coppens wants his campsite in Årjäng, Sweden, to become energy neutral. His adviser Bureau 9000 uses Energis.Cloud to meter each pitch over a wireless network, turn consumption into cost and CO_2, and share it with guests.



CUSTOMER	PARTNER	SECTOR	COUNTRY
Camp Grinsby	BUREAU 9000 ENERGIEADVIES	Hospitality (campsite)	Sweden

Staf Coppens of Camp Grinsby and Jozef of Bureau 9000 on metering each pitch and sharing the consumption with guests.

At a glance

- **Who:** Camp Grinsby, a campsite in Årjäng, Sweden, run by Staf Coppens. His technical adviser is Bureau 9000, a Belgian study and engineering office.
- **What they set up:** wireless meters on each pitch and installation, consumption turned into cost, and the data shown to guests, on Energis.Cloud.
- **The result:** Staf sees exactly where energy goes and what it costs, guests see their own use, and the campsite has the data to plan solar panels and heat pumps.

The challenge: an energy-neutral campsite, starting from oil heating

When Staf took over the campsite, hot water was still heated with oil. In 2022, his goal was a fully ecological campsite within two years, with solar panels and heat pumps. The question was how to get there from a site that looked beautiful from outside but had little data.

Bureau 9000 became his adviser. “We need Energis to give well-founded advice on the transition: heat pumps, solar panels, charging points, all of this has to be measured and monitored,” says Jozef of Bureau 9000 (2:04 (https://youtu.be/bJQhLxO7NSU?t=124), translated from Dutch).

What they set up in Energis.Cloud

- **Wireless metering.** The size and layout of the site made wiring hard, so the devices communicate wirelessly. See data integration.
- **A meter per pitch.** Each pitch is measured, so abnormal consumption is traced to where it comes from.
- **Consumption in cost.** For Staf, the point was not only how much is used, but what it costs and where the savings are. See dashboards.
- **The data for the transition.** The same measurements show what solar panels, heat pumps and charging points would change. See the Solar Performance app.

The results

	Before	With Energis.Cloud
Visibility	One bill for the whole site	Consumption per pitch and per installation
Guests	No view of their own use	A reading they can see, and act on
The transition	A goal without data	Measurements to size solar panels and heat pumps

“Because we can now measure each pitch, we can see exactly who used too much. When I show them that a heater was left on, they are grateful: a win for them, a win for me, and for sustainability” (3:16 (https://youtu.be/bJQhLxO7NSU?t=196)).

In their words

> “By taking joint action, we can minimize our carbon footprint, and make sure we use the energy we consume wisely.”
>
> **Staf Coppens**, Owner, Camp Grinsby

For whom

Bureau 9000 is an engineering office that advises its clients on their energy transition: the work we describe for integrators and engineering offices.

Frequently asked questions

How do you meter a large outdoor site without wiring every point?

With wireless meters that send their readings to a gateway. Energis.Cloud collects them like any other data source, so every pitch and installation is measured without trenches.

Can guests see their own energy use?

Yes. The consumption of each pitch can be shared with the guest who used it, which turns a reading into a conversation about a heater left on.

How does metering help an energy transition?

It shows what is used, when and where, so solar panels, heat pumps and charging points are sized on real data instead of estimates.

Is the video in English?

The interviews are in Dutch. The quotes on this page are translated, with a link to the moment they are said.