

Leveraging the full data potential to optimize energy consumption



As the world shifts toward **energy efficiency**, both individuals and businesses are embracing innovative, sustainable solutions that promote responsible consumption without compromising on savings or comfort.

Datanumia, a subsidiary of EDF Group, has been developing a unique expertise **for over 20 years**, combining data science, artificial intelligence, and machine learning to **unlock the full potential of energy data** and provide concrete solutions to current challenges.



**Data viz
& analytics**



**Data collection
& processing**



**Human
support**

Solutions for businesses, industrials and public bodies

The **iBoard**, our Energy Management System, provides a centralized dashboard of all your buildings and is your ally to improve your energy performance.

- Multiple source data collection and centralizing
- Multi-energy and multi-sites consumption monitoring (electricity, gas, water...)
- Generating and visualizing Energy Performance Indicators
- Set up of threshold alerts (subscribed power, water leaks...)
- Defining and piloting energy efficiency action plan



Instrumentation & Maintenance

- Submetering (electricity, gas, water)
- Sensors for comfort monitoring
- Wireless devices for data collection

Energy Management

- Energy performance audit and action plan
- Customized energy analysis reports
- Accompaniment for **regulatory compliance**

And other ones dedicated to residential users

Whether you are an energy supplier or a provider of related services, our visualization interfaces **integrate seamlessly into your ecosystem via API** to meet your residential customers' needs.

- Consumption monitoring in €, kWh and kg of CO₂
- Usage breakdown and load curve disaggregation
- Comparison with similar households
- Consumption forecasting
- Control of equipment (heating, air conditioning, EV charging...)
- Customized energy saving tips and action plan



Recometrics

- **Smart simulators** powered by **AI and advanced algorithms** to enrich the customer experience
- **Product and service recommendations** for residential customers (EVs, home renovation, solar panels...)

Customer Engagement Program

- Multichannel **marketing campaigns** (email, text, push notification...)
- **Visual identity adaptation** to strengthen brand image and customer relationship

70 000 business and industrial users

20 million residential users subscribed

10 million data points processed daily