

# **Energy Performance Insights** (EPI)

An Energy Management service that provides the necessary transparency to set, track and meet sustainability goals.



#### **Data acquisition & storage**

Consistent data quality, high availability and protection against loss



#### **Dashboards**

Transparency with intuitive dashboards and report views



#### **Track KPIs & compare key parameters**

Identify low performing buildings. Track KPI development of energy, consumption, costs, CO<sub>2</sub>, etc.





With the Energy Performance Insights service, you get **transparency** on your building's energy data which supports you defining and meeting your energy and sustainability goals.

You can **connect a single energy meter or a wide range of building automation data points,** including for example
temperature sensors, to our energy management platform

Thereon, you are able to **find relevant information** on trends and patterns, can identify potential energy overconsumption, and track your KPIs and improve your budget performance.

### **Example of information from the dashboards:**

**Consumptions:** gives you an overview of your actual and (optional) historical energy consumption.

**Environmental:** calculates actual CO<sub>2</sub>-emissions based on the figures of typical values for e.g. gas, electricity

**Costs:** calculates the distribution and the total costs by medium and period based on the provided details.

**Weather data:** helps to analyze the consumptionpattern and to identify abnormalities with a point of reference,

**KPIs:** shows comparisons of expected and actual consumptions during a period.



Example: Site management dashboard



Example: Environmental dashboard

## **Building Performance Advisory:**

The EPI service is very well complemented with an advisory service from our energy engineers. They will analyze your data and provide recommendations and improvement measures for discussion.

The Building Performance Advisory service includes a yearly report for a detailed evaluation of the building's energy consumption data, cost evaluation of the energy consumption as well as monitoring of your KPIs and energy budgets.



## Creating environments that care. www.siemens.com/smart-infrastructure

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