Greater efficiency. Reduced costs.
mondas® – the ultimate analytic tool

The smart mondas® IoT platform allows plant operators, maintenance companies, energy service providers – and anyone else responsible for ensuring the efficient operation of energy plants – to monitor their plant portfolios with efficiency and in real time.

mondas® technology is based on software architecture developed in-house with a high-performance time series database designed specifically to automate the analysis of large volumes of data. Users benefit from ultra-fast analyses of the operating statuses even of larger plant portfolios.

Improved energy efficiency and reduced costs on maintenance and operation: Benefit from the unique mondas® IoT platform now.

Greater efficiency. Reduced costs.

The mondas®
IoT Platform

The smart analytic tool
for monitoring energy
and production plants

mondas® is your straightforward way of monitoring decentralised energy plants including consumers, storage systems and so much more going forward.

mondas®
MONITORING. EVALUATING. ACTING.

Sum Production
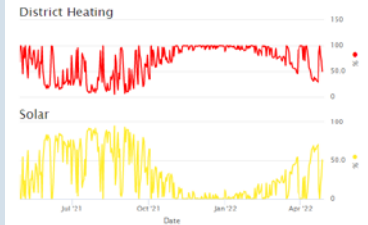**2,998,947 kWh**

Sum District Heating
2,396,341 kWh

Sum Consumption
2,669,808 kWh

Sum Solar Production
602,607 kWh
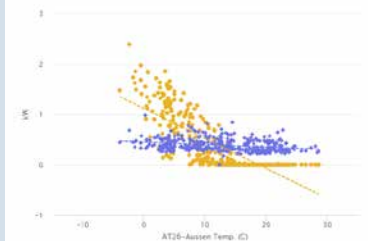
Solar Yield per Building

Heating Production Curve
District Heating
Solar

Installation	Heat Consumption	Alarm	Solar Yield Now	Heat Storage Temp.	Alarm	Last Incomming Data
MG2		🔴	1.1 kWh/m2		🟢	4/28/2022, 12:00 PM
AT18b		🔴	0.0 kWh/m2		🟢	4/28/2022, 12:00 PM
AT15 (AT17, AT19)		🔴	0.0 kWh/m2		🟢	4/28/2022, 12:00 PM
MG6		🔴	0.1 kWh/m2		🟢	4/28/2022, 12:00 PM
MG9 (MG7, MG11)		🟢	10.5 kWh/m2		🟢	4/28/2022, 12:00 PM

‹ 1 2 3 4 5 6 ›

Heating Power over Outdoor Temp

Multiple uses
What can the mondas® IoT platform do?

- Calculation of technical parameters
- Identification of critical operating statuses
- Automatic error detection
- Creation of maintenance indicators
- Predictive maintenance
- Smart energy and load management
- Performance cross-checks
- Creation of balance sheets and reports

Click here for examples of best practice:
www.mondas-iot.com/en/

Wide range of applications

Users of the mondas® IoT platform can benefit from ultra-fast analysis of the operating statuses of their plant portfolios.
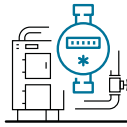
mondas® has already proven itself to be a powerful monitoring and analytic tool for heat pumps, photovoltaic portfolios, heat networks and even entire energy districts time and time again.

But the benefits don't just apply to energy plants – building services equipment, building technology for large properties, production plants and electric charging stations can be monitored too.

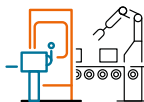We can help you find the right solution for your project. Contact us now!

High-performing and easy-to-use
Next-generation remote monitoring

The mondas® IoT platform has so much more to offer than traditional remote monitoring. The high-performing software has plenty of features that speak for themselves:

- **High-performing**
  Quick and clear data analysis in real time

- **Manufacturer-independent**
  Option to integrate all types of energy plants and supply equipment

- **Scalable**
  Ability to integrate new plants into the platform at the mere push of a button

- **Easy to use**
  Rapid design allowing for configuration over programming

HEAT NETWORKS **SUPPLY TECHNOLOGY** **PV · WIND · CHP PLANTS**

BUILDING TECHNOLOGY **PRODUCTION** **E-MOBILITY**

mondas®

Award-winning!

ENERGY EFFICIENCY AWARD 2021 by dena | GEWINNER

iKU Der Innovationspreis für Klima und Umwelt 2020 | Kandidat

THE smarter E award 2019 WINNER

100 ORTE Industrie 4.0
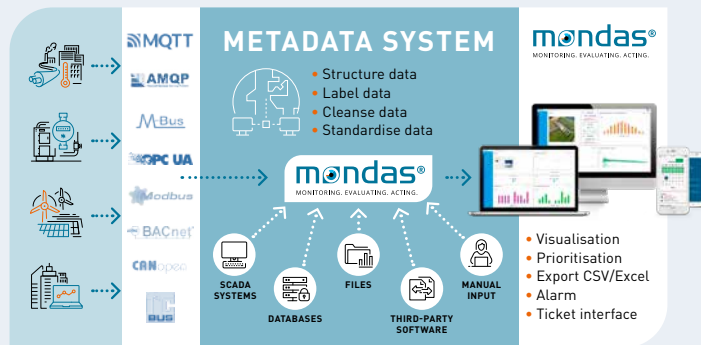
Smart and powerful
The heart of mondas®

What makes the mondas® IoT platform so unique? It's the heart, or rather the brain, of the IoT platform that's based on a metadata system.

This makes it possible to internally structure, cleanse and standardise data from different sources and interfaces.

Gone are the days of endless data preparation.

Now hundreds of thousands of data points can be analysed in real time using rule- and AI-based algorithms. External data from SCADA systems, external databases and third-party software can also be integrated into the mondas® IoT platform with ease.

Book an **online demonstration** now and familiarise yourself with mondas® in just 30 minutes
www.mondas-iot.com/en/

mondas® is synonymous with high connectivity, flexibility and scalability. New plants can be connected at the mere push of a button.

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