

Energy and emissions management for real estate

References WISTA Management GmbH

The WISTA Management GmbH (WISTA) is a company of the State of Berlin responsible for the development and operation of the Adlershof Science and Technology Park.

Goal of the project

- Visualization of energy flows
- Calculation & visualization of energy balances
- Visualization of CO2 balances
- Simulation of optimization measures

Facts

- 3 locations: Berlin Adlershof, Technology and Start-up Center FUBIC, Cleantech Park Marzahn
- Q3 2021 until Q2 2022



References Stadtwerke Dortmund DEW21

Dortmunder Energie- und Wasserversorgung GmbH (DEW21) is one of the largest regional energy suppliers in Germany.

Goal of the project

- Establish an IoT data platform and integrate energy systems within a city neighborhood (PV, wind, CHP, smart meters, charging stations, energy storage, and others).
- Objectives: Data transparency via visualization and energy forecasts, higher energy self-sufficiency and CO2 reduction.
- urban energy as a central IoT platform incl. Al-supported forecasts and portal solution for the neighborhood.

Facts

Q1 2021 until Q4 2021



References VGP Industriebau GmbH

VGP Industriebau GmbH (VGP) develops and operates logistics properties with high technical standards. A special focus is on energy efficiency and sustainability.

Goal of the project

- Visualization of energy flows
- Integration of meter and plant data
- Calculation & visualization of energy balances
- Visualization and reporting of CO2 balances
- Simulation of optimization actions

Facts

- Proof-of-concept (PoC) based on a logistics park
- Scaling of the concept to more than 100 buildings in 36 industrial parks across Germany
- Q1 2022 until Q4 2022





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