Building Energy Management Market Research

FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2022

RISE IN ENERGY CONSUMPTION AND POLLUTION RATES DRIVE MARKET

A building energy management system (BEMS) is a computer-based system that monitors and controls a building's electrical and mechanical equipment such as lighting, power systems, heating, and ventilation. The BEMS is connected to the building's service plant and back to a central computer to allow control of on/off times for temperatures, lighting, humidity, etc. Cables connect various series of hubs around the building to a central supervisory computer where building operators can control the building. The building energy management software provides control functions, monitoring, and alarms, and allows the operators to enhance building performance.

Growth in technological advancement has made building energy management systems a vital component for managing energy demand, especially in large building sites. They can efficiently control 84 percent of your building energy consumption.

According to the US Department of Energy, commercial buildings consume almost 20 percent of the energy produced in the US, whereas both commercial and residential buildings produce about 38 percent of the greenhouse gas emissions. In addition, the US Energy Information Administration cites that commercial buildings consume over 70 percent of the electricity produced in the US. With such high consumption and pollution rates, making global buildings more efficient represents a significant opportunity to contribute to a less wasteful energy future, as well as one with less environmental impact. A BEMS is one of the many tools that can be used to operate buildings more efficiently.

For more information, please visit us at www.arcweb.com/market-studies/.

STRATEGIC ISSUES

This report provides strategic market information and guidance for the worldwide building energy management system market. It includes quantitative assessments and forecasts of the BEMS market. It addresses key questions relative to BEMS, such as:

- How large is the market potential?
- Who are the leading suppliers?
- Which regions contain the largest markets?
- Which system types will be the largest investment areas?

RESEARCH FORMATS

This ARC research is available in the form of a Market Intelligence Workbook (Excel) and/or a concise, executive-level Market Analysis Report (PDF) with or without detailed charts.

RESEARCH FOCUS AREAS

STRATEGIC ANALYSIS

Major Trends
Regional Trends
Strategic Recommendations

COMPETITIVE ANALYSIS

Market Shares of the Leading Suppliers
Market Shares by Region
- North America
- Europe, Middle East, Africa
- Asia
- Latin America

Market Shares by Facility Type
- Buildings
- Infrastructure
- Entertainment

Market Shares by Revenue Category
- Hardware
- Software
- Service

Market Shares by Hardware Type
- Controllers
- Data Logger
- Gateways
- Sensors

Market Shares by Software Type
- Application Platform
- Asset Management
- Data Management Software
- HVAC Systems
- Lighting Systems

Market Shares by Service Type
- On-Site Maintenance
- Project Services
- Remote Monitoring/Maintenance

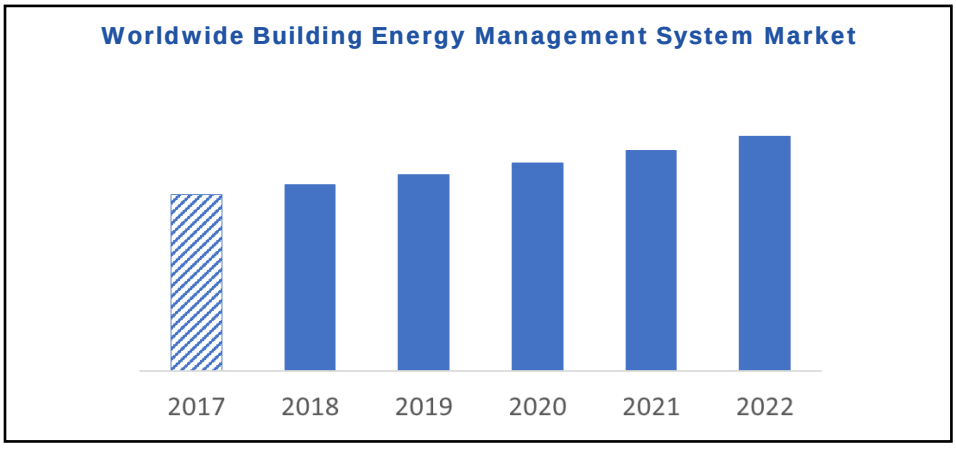
Market Shares by Project Type
Market Shares by Customer Type
Market Shares by Sales Channel

MARKET FORECASTS

Total Shipments in BEMS Market
Shipments by Region
Shipments by Facility Type
Shipments by Revenue Category
Shipments by Hardware Type
Shipments by Software Type
Shipments by Service Type
Shipments by Project Type
Shipments by Sales Channel
Shipments by Customer Type

INDUSTRY PARTICIPANTS

The research identifies all relevant suppliers serving this market.



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