

Global Building Energy Management System (BEMS) Market: Size, Trends & Forecasts (2021-2025)

https://marketpublishers.com/r/GB68B43C0FAFEN.html

Date: May 2021

Pages: 84

Price: US\$ 850.00 (Single User License)

ID: GB68B43C0FAFEN

Abstracts

Scope of the Report

The report entitled "Global Building Energy Management System (BEMS) Market: Size, Trends & Forecasts (2021-2025)", provides in-depth analysis of the global building energy management system (BEMS), with detailed analysis of market size and growth. The report provides analysis of the building energy management system market by value, by component, by end-user & by region. The report further provides detailed regional analysis of the building energy management system (BEMS) market by value.

Moreover, the report also evaluates the major opportunities in the market and outlines the factors that are and would be driving the growth of the industry. Growth of the overall global building energy management system (BEMS) has also been forecasted for the years 2021-2025, taking into consideration the previous growth patterns, the growth drivers and the current and future trends.

The major players dominating the building energy management system (BEMS) market are Siemens AG, Honeywell, Johnson Controls International PLC and Schneider Electric. The four companies have been profiled in the report providing detailed analysis of their financial information and business strategies.

Region Coverage

Asia Pacific

North America



Europe

ROW

Company Coverage

Siemens AG

Honeywell

Johnson Controls International PLC

Schneider Electric

Executive Summary

The building energy management system is a comprehensive system of hardware, software and services. The system helps to manage energy usage through numerous technology such as information & communication technology etc. Moreover, BEMS technology also provides monitoring, automation and control of building systems such as Heating, ventilation & air conditioning and lighting to escalate building's energy efficiency and improve comfort. Furthermore, besides energy management, the system can also control and monitor a wide variety of other aspects of the building, irrespective of whether it is residential or commercial.

The global building energy management system (BEMS) market observed progressive growth in the past few years and anticipations are made that during the forecasted period (2021-2025) the market would further augment at an escalating growth rate. The global building energy management system (BEMS) market growth is predicted to be supported by numerous growth drivers such as rising urbanization, surging energy consumption, growth in adoption of smart home products, accelerating construction activities, rise in consumer spending, growth in consumer awareness and many other factors.

Conversely, the growth of global building energy management system (BEMS) market would be negatively impacted by various challenges. Some of the foremost challenges faced by the market are high installation cost and lack of trained experts.



Contents

1. EXECUTIVE SUMMARY

2. INTRODUCTION

- 2.1 Energy Management System: An Overview
- 2.1.1 Energy Management System (EMS) Based on End-User Application
- 2.2 Building Energy Management System: An Overview
 - 2.2.1 Building Energy Management System Functions
- 2.3 Building Energy Management System Segmentation: An Overview
- 2.4 Building Energy Management System Components: An Overview
- 2.5 Advantages & Disadvantages of Building Energy Management System

3. GLOBAL MARKET ANALYSIS

- 3.1 Global Building Energy Management System (BEMS) Market: An Analysis
 - 3.1.1 Global Building Energy Management System (BEMS) Market by Value
- 3.1.2 Global Building Energy Management System (BEMS) Market by Component (Services, Software and Hardware)
- 3.1.3 Global Building Energy Management System (BEMS) Market by End-User (Commercial & Institutional, Residential and Industrial)
- 3.1.4 Global Building Energy Management System (BEMS) Market by Region (Europe, North America, Asia Pacific and ROW)
- 3.2 Global Building Energy Management System (BEMS) Market: Component Analysis
 - 3.2.1 Global BEMS Hardware Market by Value
 - 3.2.2 Global BEMS Services Market by Value
 - 3.2.3 Global BEMS Software Market by Value
- 3.3 Global Building Energy Management System (BEMS) Market: End-User Analysis
- 3.3.1 Global Industrial BEMS Market by Value
- 3.3.2 Global Residential BEMS Market by Value
- 3.3.3 Global Commercial and Institutional BEMS Market by Value

4. REGIONAL MARKET ANALYSIS

- 4.1 Asia Pacific Building Energy Management System (BEMS) Market: An Analysis
 - 4.1.1 Asia Pacific BEMS Market by Value
- 4.2 Europe Building Energy Management System (BEMS) Market: An Analysis
 - 4.2.1 Europe BEMS Market by Value



- 4.3 North America Building Energy Management System (BEMS) Market: An Analysis
 - 4.3.1 North America BEMS Market by Value
- 4.4 ROW Building Energy Management System (BEMS) Market: An Analysis
 - 4.4.1 ROW BEMS Market by Value

5. MARKET DYNAMICS

- 5.1 Growth Drivers
 - 5.1.1 Rising Urbanization
 - 5.1.2 Surging Energy Consumption
 - 5.1.3 Growth in Adoption of Smart Home Products
 - 5.1.4 Rise in Carbon Dioxide Emission
 - 5.1.5 Accelerating Construction Activities
 - 5.1.6 Rise in Consumer Spending
 - 5.1.7 Adoption of Smart Sensors
 - 5.1.8 Growth in Consumer Awareness
- 5.2 Challenges
 - 5.2.1 High Installation Cost
 - 5.2.2 Lack of Trained Experts
- 5.3 Market Trends
 - 5.3.1 Cloud Technology
 - 5.3.2 Surge in Adoption of Internet of Things (IoT)
 - 5.3.3 Decline in Fossil Fuel
 - 5.3.4 Government Initiatives and Regulations

6. COMPETITIVE LANDSCAPE

- 6.1 Global Building Energy Management System (BEMS) Market Players: A Financial Comparison
- 6.2 Global BEMS Market Players' by Research & Development Expenditure

7. COMPANY PROFILES

- 7.1 Siemens AG
 - 7.1.1 Business Overview
 - 7.1.2 Financial Overview
 - 7.1.3 Business Strategy
- 7.2 Schneider Electric
- 7.2.1 Business Overview



- 7.2.2 Financial Overview
- 7.2.3 Business Strategy
- 7.3 Honeywell
 - 7.3.1 Business Overview
 - 7.3.2 Financial Overview
 - 7.3.3 Business Strategy
- 7.4 Johnson Controls International PLC
 - 7.4.1 Business Overview
 - 7.4.2 Financial Overview
 - 7.4.3 Business Strategy



List Of Figures

LIST OF FIGURES

- Figure 1: Energy Management System (EMS) Based on End-User Application
- Figure 2: Building Energy Management System Functions
- Figure 3: Building Energy Management System Segmentation
- Figure 4: Building Energy Management System Components Offerings
- Figure 5: Advantages & Disadvantages of Building Energy Management System
- Figure 6: Global Building Energy Management System (BEMS) Market by Value;
- 2016-2020 (US\$ Billion)
- Figure 7: Global Building Energy Management System (BEMS) Market by Value; 2021-2025 (US\$ Billion)
- Figure 8: Global Building Energy Management System (BEMS) Market by Component; 2020 (Percentage, %)
- Figure 9: Global Building Energy Management System (BEMS) Market by End-User; 2020 (Percentage, %)
- Figure 10: Global Building Energy Management System (BEMS) Market by Region; 2020 (Percentage, %)
- Figure 11: Global BEMS Hardware Market by Value; 2016-2020 (US\$ Million)
- Figure 12: Global BEMS Hardware Market by Value; 2021-2025 (US\$ Million)
- Figure 13: Global BEMS Services Market by Value; 2016-2020 (US\$ Billion)
- Figure 14: Global BEMS Services Market by Value; 2021-2025 (US\$ Billion)
- Figure 15: Global BEMS Software Market by Value; 2016-2020 (US\$ Billion)
- Figure 16: Global BEMS Software Market by Value; 2021-2025 (US\$ Billion)
- Figure 17: Global Industrial BEMS Market by Value; 2016-2020 (US\$ Million)
- Figure 18: Global Industrial BEMS Market by Value; 2021-2025 (US\$ Billion)
- Figure 19: Global Residential BEMS Market by Value; 2016-2020 (US\$ Billion)
- Figure 20: Global Residential BEMS Market by Value; 2021-2025 (US\$ Billion)
- Figure 21: Global Commercial and Institutional BEMS Market by Value; 2016-2020 (US\$ Billion)
- Figure 22: Global Commercial and Institutional BEMS Market by Value; 2021-2025 (US\$ Billion)
- Figure 23: Asia Pacific BEMS Market by Value; 2016-2020 (US\$ Billion)
- Figure 24: Asia Pacific BEMS Market by Value; 2021-2025 (US\$ Billion)
- Figure 25: Europe BEMS Market by Value; 2016-2020 (US\$ Billion)
- Figure 26: Europe BEMS Market by Value; 2021-2025 (US\$ Billion)
- Figure 27: North America BEMS Market by Value; 2016-2020 (US\$ Billion)
- Figure 28: North America BEMS Market by Value; 2021-2025 (US\$ Billion)



- Figure 29: ROW BEMS Market by Value; 2016-2020 (US\$ Million)
- Figure 30: ROW BEMS Market by Value; 2021-2025 (US\$ Million)
- Figure 31: Global Urban Population; 1990-2050 (Percentage, %)
- Figure 32: Global Energy Consumption by Energy Sources; 2010-2040 (Quadrillion Btu)
- Figure 33: Global Smart Home Market by Revenue; 2018-2023 (US\$ Billion)
- Figure 34: Global Co2 Emission; 2000-2018 (Billion Tons)
- Figure 35: Global Construction Expenditure, 2018-2023 (US\$ Trillion)
- Figure 36: Global Consumer Spending; 2010-2020 (US\$ Trillion)
- Figure 37: Global Average Smart Sensors Sale Price; 2014-2019 (US\$)
- Figure 38: Global Cloud Computing Market by Value; 2018-2023 (US\$ Billion)
- Figure 39: Global Internet of Things (IoT) Market by Value; 2018-2023 (US\$ Billion)
- Figure 40: Global Share of Fossil Fuel in Primary Energy; 2010-2080 (Percentage, %)
- Figure 41: Global BEMS Market Player by Research & Development Expenditure;
- 2019-2020 (US\$ Billion)
- Figure 42: Siemens AG Revenue; 2016-2020 (US\$ Billion)
- Figure 43: Siemens AG Revenue by Segment; 2020 (Percentage, %)
- Figure 44: Siemens AG Revenue by Region; 2020 (Percentage, %)
- Figure 45: Schneider Electric Revenue; 2016-2020 (US\$ Billion)
- Figure 46: Schneider Electric Revenue by Segment; 2020 (Percentage, %)
- Figure 47: Schneider Electric Revenue by Region; 2020 (Percentage, %)
- Figure 48: Honeywell Net Sales; 2016-2020 (US\$ Billion)
- Figure 49: Honeywell Net Sales by Segment; 2020 (Percentage, %)
- Figure 50: Honeywell Net Sales by Region; 2020 (Percentage, %)
- Figure 51: Johnson Controls Net Sales; 2016-2020 (US\$ Billion)
- Figure 52: Johnson Controls Net Sales by Segment; 2020 (Percentage, %)
- Figure 53: Johnson Controls Net Sales by Region; 2020 (Percentage, %)
- Table 1: Global Building Energy Management System (BEMS) Market Players: A
- Financial Comparison; 2020



I would like to order

Product name: Global Building Energy Management System (BEMS) Market: Size, Trends & Forecasts

(2021-2025)

Product link: https://marketpublishers.com/r/GB68B43C0FAFEN.html

Price: US\$ 850.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GB68B43C0FAFEN.html