

Global Zero-Energy Building (ZEB) Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

<https://marketpublishers.com/r/GDFAEF08236EN.html>

Date: September 2018

Pages: 119

Price: US\$ 3,480.00 (Single User License)

ID: GDFAEF08236EN

Abstracts

A zero-energy building, also known as a zero net energy (ZNE) building, net-zero energy building (NZEB), or net zero building, is a building with zero net energy consumption, meaning the total amount of energy used by the building on an annual basis is roughly equal to the amount of renewable energy created on the site, or in other definitions by renewable energy sources elsewhere. These buildings consequently contribute less overall greenhouse gas to the atmosphere than similar non-ZNE buildings. They do at times consume non-renewable energy and produce greenhouse gases, but at other times reduce energy consumption and greenhouse gas production elsewhere by the same amount. A similar concept approved and implemented by the European Union and other agreeing countries is nearly Zero Energy Building (nZEB), with the goal of having all buildings in the region under nZEB standards by 2020.

Scope of the Report:

This report studies the Zero-Energy Building (ZEB) market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Zero-Energy Building (ZEB) market by product type and applications/end industries.

The need for a transitioning to a low-carbon economy in order to develop energy-efficient solutions and reinvent the existing as well as new infrastructure is anticipated to elevate the demand for net-zero energy. In an attempt to achieve sustainable development, leading companies in the construction and energy sectors have launched the Energy Efficiency Buildings (EEB) project. The project aims at identifying and removing barriers and transforming structures in an effective way to reach energy self-

sufficiency. The governments of different countries and various organizations are working in collaboration with engineers, architects, builders & contractors, regulators, material suppliers, utilities, and developers to initiate self-sustainable projects worldwide. Various initiatives such as WGBC, EEB, and NBI have been undertaken by global authorities to create awareness regarding the benefits of green, low-carbon emission, and nearly-zero energy buildings. This is a key factor that is expected to drive growth of the global NZEBs market over the forecast period.

The global Zero-Energy Building (ZEB) market is valued at 8140 million USD in 2017 and is expected to reach 15100 million USD by the end of 2023, growing at a CAGR of 10.9% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Zero-Energy Building (ZEB).

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

Altura Associates, Inc.

Johnson Controls International plc

Integrated Environmental Solutions (IES) Limited

Sage Electrochromics, Inc. (SageGlass)

Solatube International, Inc.

SunPower Corporation

Kingspan Group plc

Daikin Industries Ltd.

General Electric (GE)

Honeywell International Inc.

Schneider Electric

CertainTeed

Siemens AG

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Lighting

Walls & Roofs

HVAC Systems

Others

Market Segment by Applications, can be divided into

Commercial

Residential

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