

Europe Green Buildings - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

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Abstracts

The Europe Green Buildings Market size is estimated at USD 178.5 billion in 2024, and is expected to reach USD 334.60 billion by 2029, growing at a CAGR of 11.04% during the forecast period (2024-2029).

The region strongly emphasizes sustainability and environmental responsibility. Hence, the European green building market is booming. The adoption of green building practices is driven by stringent legislation, such as the EU's commitment to achieve carbon neutrality. Integrating intelligent building technologies and increasingly using sustainable materials is an emerging trend.

Improving the environmental efficiency of buildings is increasingly important to combat climate change. Many resources are involved in building construction and maintenance, so selecting appropriate sources that will not cause further environmental damage is essential.

The building sector accounts for 40% of the overall energy consumption in the EU. Buildings account for 36% of the EU's overall greenhouse gas emissions. The Green Building Pact, which seeks to create and promote more climate-tolerant buildings through better insulation and energy efficiency, has been established by the EU.

The overall objective of the Pact is to double by 2030 the number of building refurbishments across the EU, which means that 35 million buildings will be modernized. The EU has set a target of reducing buildings' greenhouse gas emissions by 60% by the end of the decade and ensuring buildings are fully decarbonized by 2050.

German climate tech startup Purpose Green has raised a EUR 3.3 million (USD 3.55 Million) funding round to expand its presence in the German market, further develop its offering, and add more ESG, climate, and building expertise to its team.

Europe Green Buildings Market Trends

Increase in Non-residential Market

There is a wide range of different typologies in the nonresidential sector. This includes wholesale and retail (28% of the total), offices (23%), educational (17%), hotels and restaurants (11%), hospitals (7%), sports facilities (4%), and other buildings (11%) such as warehousing, transportation and garage buildings, agricultural (farms, greenhouses) buildings, garden buildings.

The diversity of typologies in this sector presents a high degree of complexity regarding energy use, given that end uses like lighting, ventilation, heating, cooling, refrigeration, IT equipment, and appliances differ widely from one building category to another across different countries.

Real estate developer AFI Europe obtained the LEED v4.1 O+M certification for its AFI Cotroceni mall in Bucharest. Colliers helped the company to obtain environmental certificates. An ongoing commitment to the implementation of sustainable practices initiated during the certification process, with a requirement to renew every three years, is the LEED v4.1 Operations + Maintenance O+M certification.

The United Kingdom has set ambitious targets to combat climate change and promote sustainable development. One of the critical areas where the United Kingdom is focusing its efforts is in the building and renewable energy sectors.

The UK's targets for sustainable building and renewable energy are amongst the most ambitious in Europe, where it currently ranks 6th when it comes to wind and solar power production. Several other European countries have set more ambitious targets. For instance, Sweden aims to reach net zero emissions by 2045, and Denmark aims for 100% renewable energy production by 2030.

Hence, the non-residential sector in Europe can potentially be a significant driver of the green buildings market by increasing demand for sustainable construction, adapting green practices, and collaborating for further innovations. the Europe can create a

thriving market for environmental responsible living spaces contributing to a greener future.

Germany's Strong Demand for Green Buildings

Some of the world's most impressive sustainable architecture and eco-friendly buildings can be found in Germany. The country has made significant progress in creating a greener future, from innovative design to energy-efficient construction techniques.

Creative and environmentally conscious designs can be seen in the country's commitment to environment-friendly architecture and sustainable building materials. From office complexes to residential homes, Germany's green buildings showcase the integration of energy-efficient systems, passive solar design principles, and non-toxic finishes.

One noteworthy example is the EDGE Suedkreuz building in Berlin, certified in 2022 as Germany's most sustainable building by the German Sustainable Building Council (DGNB). It is one of the most significant buildings of its kind in Europe, thanks to its modular hybrid timber construction. With a DGNB Platinum rating, the EDGE Suedkreuz utilizes a range of eco-friendly features, including a carbon-capturing facade, biophilic atrium, and energy-efficient systems.

The development of Solarsiedlung and Sonnenschiff in Freiburg. These projects show how, through integrating Green Infrastructures in Urban Plans, Germany creates sustainable communities. Solarsiedlung, or solar settlement, is a residential neighborhood that uses the sun's energy for electricity and heating.

In 2022, most of the investments in green buildings in Germany were for office space. Logistics was the end use with the second biggest share of green building investments. There was almost 1.5 billion euros of green building investments for logistics, and roughly EUR 150 million for hotels. In 2022, the investment in green buildings in Germany made a significant share of the overall investment.

The German government is taking several steps to boost the green building market driven by its commitment to its sustainability and environmental protection. By implementing these initiatives the Germany is aiming to establish as a global leader in sustainable construction.

Europe Green Buildings Industry Overview

The European green buildings market is fragmented due to the increasing government support for sustainable housing. Governments worldwide are introducing policies and regulations to stimulate the construction of eco-friendly buildings. The demand for green buildings is also driven by increasing awareness of climate change. The environmental impact of their actions is becoming increasingly important for people, while they demand the construction of buildings in a sustainable way. Some of the key players include Bauder Ltd, AECOM, Skanska, Turner Construction, and DuPont de Nemours Inc.

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