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## Report Information

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# Vertical Garden Construction Market Research Report - Global Forecast till 2030

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## Description:

### Vertical Garden Construction Market Overview:

Vertical Garden Construction Market is expected to expand at 6.18% CAGR during the Forecast Period (2022 to 2030).

The Global Vertical Garden Construction Market is poised to witness substantial growth during the forecast period. Factors such as the growing demand for vertical gardens and growing demand for green buildings are driving the market. However, the need for proper maintenance acts as a challenge for the market growth during the forecast period. Moreover, the scope for growth in emerging economies can be a futuristic opportunity driving this market. Asia-Pacific is estimated to be a prominent region for the vertical garden construction market owing to the presence of key markets namely China, India, Malaysia, Singapore, and Australia being the major markets of the region. In 2018, North America held the second-largest market share in the vertical garden construction market. The growing concern for reducing carbon emission and the government initiatives for the construction of greener buildings have boosted the demand for vertical garden construction, particularly in North America.

### Segmentation

The global market is segmented by type and application. By type, the vertical garden construction market is segmented into outdoor vertical garden wall and indoor vertical garden wall. The outdoor vertical garden wall segment is dominating the market, owing to many projects implemented in the outdoor vertical garden wall and several applications such as hotels and buildings.

By application, the vertical garden construction market is segmented into residential and commercial. The commercial segment is the dominating segment, owing to its extensive applications and increasing sustainable building construction practices has further boosted the demand for the vertical garden construction market.

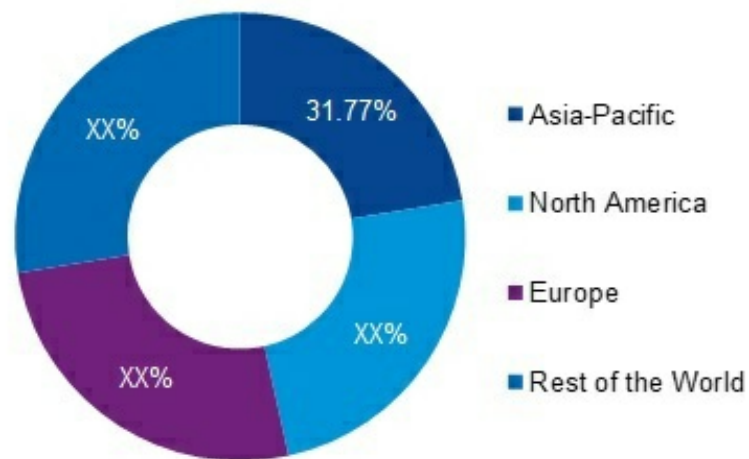
### Key Competitors

The Key Players operating in the market are **Sempergreen (Netherlands), ANS Group Global Ltd (UK), LiveWall, LLC (US), and Atlantis Corporation Australia Pty Ltd (Australia).**

### Regional Analysis

Region-specific analysis of the vertical garden construction market spans across North America, Europe, Asia-Pacific (APAC), Europe and Rest of the World (ROW).

### Global Vertical Garden Construction Market, by Region, 2018



#### Source: MRFR Analysis

Asia-Pacific accounts for the largest market share in the global vertical garden construction industry and is estimated to witness the highest CAGR until the end of **2025**, due to the increasing number of construction projects, which are set to go underway. With the nations such as India, China, and South Korea looking to strengthen their infrastructural base, boost the aesthetics of the cities, and curb pollution. Therefore, these countries focus on the construction of vertical gardens, which filter the air and reduce the existing greenhouse gas by converting carbon dioxide (CO<sub>2</sub>) into oxygen. For instance, **in August 2019**, the Korea Land and Housing Corp. (LH) announced to introduce vertical gardens in Seoul for public housing by applying an “automated irrigation system”, which can automatically water plants according to the temperature. Furthermore, the company plans to introduce plant purification benches in Seoul on a trial base, a combined rest area of plants and benches, for helping residents ease concerns over fine dust.

Furthermore, inspired by other countries such as China and Italy, India is also focusing on the construction of vertical gardens in cities such as Bengaluru, Mumbai, and Noida. In 2017, India’s first vertical garden was set up at the Hosur Road Electronics City Flyover in Bengaluru, Karnataka for controlling the pollution level of the city. Moreover, it will act as a soundproofing barrier.

#### Synopsis

The global vertical garden construction market has been segmented on the basis of type and application. By type, the market is segmented as outdoor vertical garden wall and indoor vertical garden wall. The outdoor vertical garden wall segment is dominating the market, owing to high aesthetic appeal, greener urban space, improves outdoor climate and reduces greenhouse gases such as carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO) and nitrogen dioxide (NO<sub>2</sub>).

- **In June 2018**, Sempergreen launched LifeMCC, which is an ideal mobile plant system to bring energy and life into an indoor area. This development enabled it to cater to new customers with added products.
- **In August 2019**, Biotecture and Balfour Beatty plc formed a partnership to install the first hydroponic living wall under the highways scheme in the UK.

#### Market Segmentation

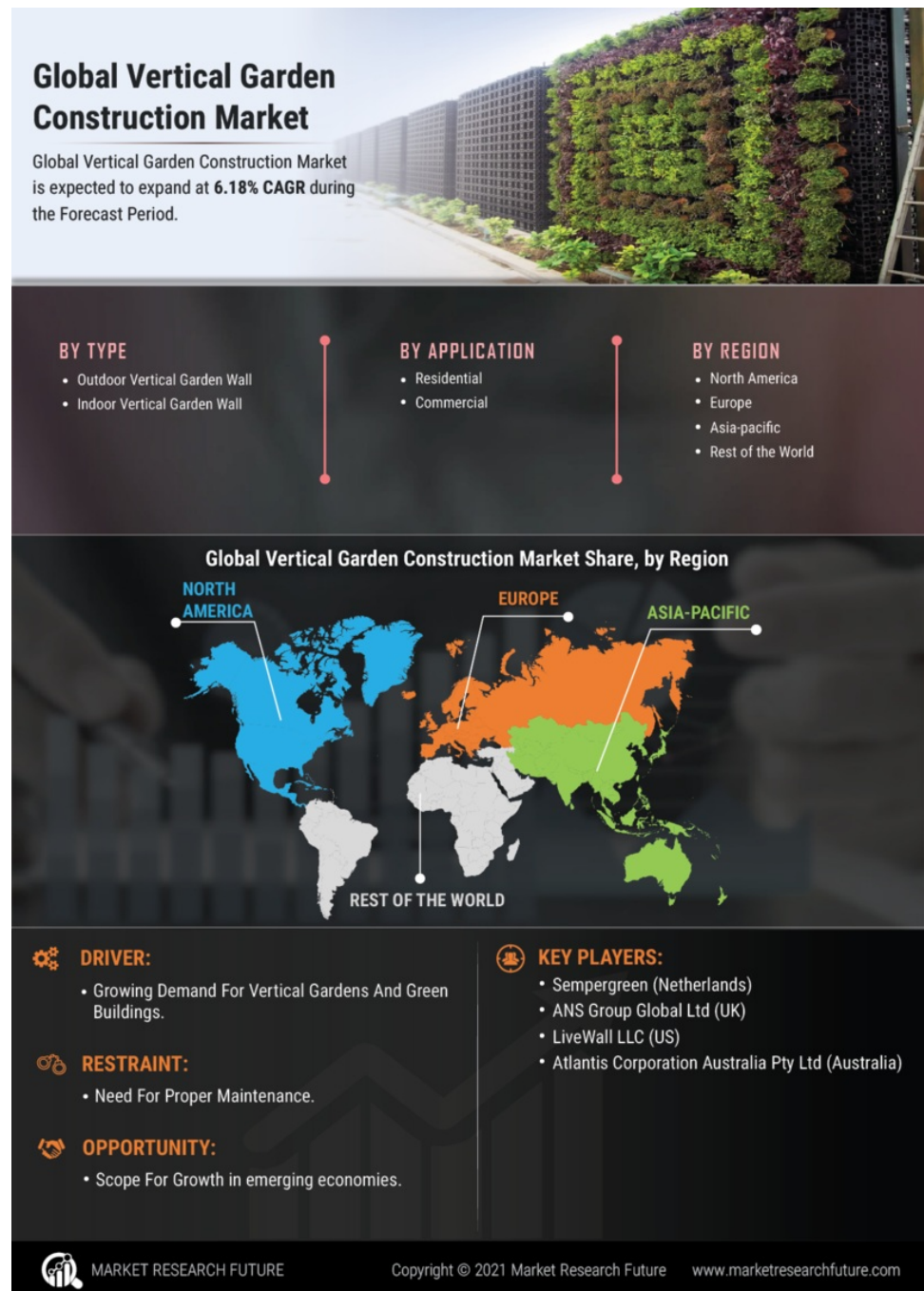
- By Type – Outdoor Vertical Garden Wall and Indoor Vertical Garden Wall
- By Application – Residential and Commercial

#### Key Questions Addressed by the Report

- What was the historic market size (2018)?

- Which segmentation (Type/Application) is driving market?
- What will be the growth rate by 2025?
- How are the key players in this market?
- What are the strategies adopted by key players?

#### Infographic Summary:



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