

# Vertical Farming Global Market 2016 - Research Methodology, Market Dynamics, Key Players, Segmentation and Forecast 2021

*Vertical farming is the urban agricultural practice of growing food crops in vertically stacked layers, vertically inclined surfaces or integrated*

PUNE, INDIA, January 13, 2017 /EINPresswire.com/ -- Global [Vertical Farming](#) Market is expected to grow at a CAGR of X.XX% over the forecast period 2016 to 2021. Vertical farming is the urban agricultural practice of growing food crops in vertically stacked layers, vertically inclined surfaces or integrated into other structures. The major benefits of vertical farming include increased crop production, efficient resource use, and protection of crops from harsh climatic conditions. Increasing demand for pesticide-free food is one of the key drivers of the vertical farming market. Rising global population and growing need for year round food production worldwide along with less dependence on climatic conditions are further augmenting the demand for vertical farming.

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Other factors such as improvement in irrigation techniques, advanced plant breeding, and development of synthetic nitrogen fertilizers will propel the growth of the global vertical farming market in the forthcoming years. The market for hydroponics as a growth mechanism is projected to witness the highest growth as it provides benefits such as quicker crop growth, higher yield, faster harvest, and low nutrient wastage.

North America holds the largest market share of global vertical farming on account of emerging trend of indoor agriculture in the region. Asia Pacific is expected to witness the fastest market growth due to driving factors such as growing urbanization, declining area of cultivable land, growing awareness regarding good health and fitness, thereby escalating the demand for organic foods, and supportive government initiatives in emerging economies such as India and China. However, the growth of global vertical farming will be hindered due to high initial investment and limitations on the variety of crops grown.

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## Research Methodology

The first section of the report deals with detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segmentations which have been covered as part of the report.

## Market Dynamics

Next section provides comprehensive market dynamics through an overview section along with

growth drivers, challenges, and opportunities which exist in the current market. This section of the report also provides supplier and industry outlook as a whole; key industry, global and regional regulations which are determining the market growth and a brief technological aspect of Vertical Farming solutions. Complete industry analysis has also been covered by Porter's Five Forces model as a part of this report section.

## Segmentation

Thirdly, Vertical Farming Market has been segmented as below:

By DeviceLighting  
Climate Control  
Hydroponics Components  
Sensor  
By Growth MechanismAeroponics  
Hydroponics  
Others  
By GeographyAmericasNorth America  
South America  
Europe Middle East and AfricaEurope  
Middle East and Africa  
Asia Pacific

## Market Players

Finally, competitive intelligence section deals with major players in the market, their market shares, growth strategies, products, financials, and recent investments among others. Key industry player profiles as part of this section are Agrilution GmbH, Aerofarms, Hort Americas, FarmedHere, and Green Sense Farms among other companies.

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