

# Asia Pacific Vertical Farming Market Analysis (2017-2023)

<https://marketpublishers.com/r/A2E9186762FEN.html>

Date: December 2017

Pages: 57

Price: US\$ 1,500.00 (Single User License)

ID: A2E9186762FEN

## Abstracts

The Asia Pacific Vertical Farming Market would witness market growth of 21.1% CAGR during the forecast period (2017 – 2023). Vertical farming is a process that is used to produce food and medicine in vertically stacked layers, vertically inclined surfaces and/or integrated in other structures (such as in a skyscraper, used warehouse, or shipping container). The vertical farming practice uses indoor farming methods and controlled-environment agriculture (CEA) system, as it possible to fully control environmental factors. The vertical farming facilities artificially control light, environmental changes (humidity, temperature, gases) and fertigation. The demand for vertical farming is expected to witness significant growth during the forecast period, globally. Factors such as growing popularity of organic foods, rapidly growing urban population, and decrease in arable land are the factors that contribute to the market growth. However, high initial investments and involvement of nascent technology are the factors that would hamper the market growth.

Based on Growth Mechanism, the market report segments the market into Hydroponics, Aeroponics, and Aquaponics. Based on Component, the market report segments the market into Lighting, Building Material, Irrigation Component, Sensor, Climate Control, and Others. Based on Countries, the Vertical Farming market segments the market into China, Japan, India, South Korea, Singapore, Malaysia, and Rest of Asia Pacific.

The market research report covers the analysis of key stake holders of the Vertical Farming Market. Key companies profiled in the report include AeroFarms, Urban Crops Solutions, Illumitex, Inc., Koninklijke Philips N.V., Sky Green Ltd., Everlight Electronics Co., Ltd., American Hydroponics, Hort Americas, Agrilution, and Green Sense Farms, LLC..

## Contents

### **CHAPTER 1. MARKET SCOPE & METHODOLOGY**

- 1.1 Market Definition
- 1.2 Objectives
- 1.3 Market Scope
- 1.4 Segmentation
  - 1.4.1 Asia Pacific Vertical Farming Market, by Growth Mechanism
  - 1.4.2 Asia Pacific Vertical Farming Market, by Component
  - 1.4.3 Asia Pacific Vertical Farming Market, by Country
- 1.5 Methodology for the research

### **CHAPTER 2. MARKET OVERVIEW**

- 2.1 Introduction
- 2.2 Drivers, and Restraints
  - 2.2.1 Market Drivers
  - 2.2.2 Market Restraints

### **CHAPTER 3. ASIA PACIFIC VERTICAL FARMING MARKET**

- 3.1 Asia Pacific Vertical Farming Market by Growth Mechanism
  - 3.1.1 Asia Pacific Hydroponics Vertical Farming Market by Country
  - 3.1.2 Asia Pacific Aeroponics Vertical Farming Market by Country
  - 3.1.3 Asia Pacific Aquaponics Vertical Farming Market by Country

### **CHAPTER 4. ASIA PACIFIC VERTICAL FARMING MARKET BY COMPONENT**

- 4.1 Introduction
  - 4.1.1 Asia Pacific Vertical Farming in Lighting Market by Country
  - 4.1.2 Asia Pacific Vertical Farming in Building Material Market by Country
  - 4.1.3 Asia Pacific Vertical Farming in Irrigation Component Market by Country
  - 4.1.4 Asia Pacific Vertical Farming in Sensor Market by Country
  - 4.1.5 Asia Pacific Vertical Farming in Climate Control Market by Country
  - 4.1.6 Asia Pacific Vertical Farming in Others Market by Country

### **CHAPTER 5. ASIA PACIFIC VERTICAL FARMING MARKET BY COUNTRY**

- 5.1 Introduction
- 5.2 China Vertical Farming Market
  - 5.2.1 China Vertical Farming Market by Growth Mechanism
  - 5.2.2 China Vertical Farming Market by Component
- 5.3 Japan Vertical Farming Market
  - 5.3.1 Japan Vertical Farming Market by Growth Mechanism
  - 5.3.2 Japan Vertical Farming Market by Component
- 5.4 India Vertical Farming Market
  - 5.4.1 India Vertical Farming Market by Growth Mechanism
  - 5.4.2 India Vertical Farming Market by Component
- 5.5 South Korea Vertical Farming Market
  - 5.5.1 South Korea Vertical Farming Market by Growth Mechanism
  - 5.5.2 South Korea Vertical Farming Market by Component
- 5.6 Singapore Vertical Farming Market
  - 5.6.1 Singapore Vertical Farming Market by Growth Mechanism
  - 5.6.2 Singapore Vertical Farming Market by Component
- 5.7 Malaysia Vertical Farming Market
  - 5.7.1 Malaysia Vertical Farming Market by Growth Mechanism
  - 5.7.2 Malaysia Vertical Farming Market by Component
- 5.8 Rest of Asia Pacific Vertical Farming Market
  - 5.8.1 Rest of Asia Pacific Vertical Farming Market by Growth Mechanism
  - 5.8.2 Rest of Asia Pacific Vertical Farming Market by Component

## **CHAPTER 6. COMPANY PROFILES**

- 6.1 Koninklijke Philips N.V.
  - 6.1.1 Company Overview
  - 6.1.2 Financial Analysis
  - 6.1.3 Segmental and Regional Analysis
  - 6.1.4 Research & Development Expense
- 6.2 AeroFarms
  - 6.2.1 Company Overview
- 6.3 Urban Crops Solutions
  - 6.3.1 Company Overview
- 6.4 Illumitex, Inc.
  - 6.4.1 Company Overview
- 6.5 Sky Green Ltd.
  - 6.5.1 Company Overview
- 6.6 Everlight Electronics Co., Ltd.

- 6.6.1 Company Overview
- 6.6.2 Financial Analysis
- 6.6.3 Segmental and Regional Analysis
- 6.6.4 Research & Development Expense
- 6.7 American Hydroponics
  - 6.7.1 Company Overview
- 6.8 Hort Americas
  - 6.8.1 Company Overview
- 6.9 Agrilution
  - 6.9.1 Company Overview
- 6.1 Green Sense Farms, LLC
  - 6.10.1 Company Overview
  - 6.10.2 Strategies at a Glance
    - 6.10.2.1 Partnerships, Collaborations and Agreements

## List Of Tables

### LIST OF TABLES

Table 1 ASIA PACIFIC VERTICAL FARMING MARKET, 2013 - 2016, USD MILLION

Table 2 ASIA PACIFIC VERTICAL FARMING MARKET, 2017 - 2023, USD MILLION

Table 3 ASIA PACIFIC VERTICAL FARMING MARKET BY GROWTH MECHANISM, 2013 - 2016, USD MILLION

Table 4 ASIA PACIFIC VERTICAL FARMING MARKET BY GROWTH MECHANISM, 2017 - 2023, USD MILLION

Table 5 ASIA PACIFIC HYDROPONICS VERTICAL FARMING MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 6 ASIA PACIFIC HYDROPONICS VERTICAL FARMING MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 7 ASIA PACIFIC AEROPONICS VERTICAL FARMING MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 8 ASIA PACIFIC AEROPONICS VERTICAL FARMING MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 9 ASIA PACIFIC AQUAPONICS VERTICAL FARMING MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 10 ASIA PACIFIC AQUAPONICS VERTICAL FARMING MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 11 ASIA PACIFIC VERTICAL FARMING MARKET BY COMPONENT, 2013 - 2016, USD MILLION

Table 12 ASIA PACIFIC VERTICAL FARMING MARKET BY COMPONENT, 2017 - 2023, USD MILLION

Table 13 ASIA PACIFIC VERTICAL FARMING IN LIGHTING MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 14 ASIA PACIFIC VERTICAL FARMING IN LIGHTING MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 15 ASIA PACIFIC VERTICAL FARMING IN BUILDING MATERIAL MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 16 ASIA PACIFIC VERTICAL FARMING IN BUILDING MATERIAL MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 17 ASIA PACIFIC VERTICAL FARMING IN IRRIGATION COMPONENT MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 18 ASIA PACIFIC VERTICAL FARMING IN IRRIGATION COMPONENT MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 19 ASIA PACIFIC VERTICAL FARMING IN SENSOR MARKET BY COUNTRY,

2013 - 2016, USD MILLION

Table 20 ASIA PACIFIC VERTICAL FARMING IN SENSOR MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 21 ASIA PACIFIC VERTICAL FARMING IN CLIMATE CONTROL MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 22 ASIA PACIFIC VERTICAL FARMING IN CLIMATE CONTROL MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 23 ASIA PACIFIC VERTICAL FARMING IN OTHERS MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 24 ASIA PACIFIC VERTICAL FARMING IN OTHERS MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 25 ASIA PACIFIC VERTICAL FARMING MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 26 ASIA PACIFIC VERTICAL FARMING MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 27 CHINA VERTICAL FARMING MARKET, 2013 - 2016, USD MILLION

Table 28 CHINA VERTICAL FARMING MARKET, 2017 - 2023, USD MILLION

Table 29 CHINA VERTICAL FARMING MARKET BY GROWTH MECHANISM, 2013 - 2016, USD MILLION

Table 30 CHINA VERTICAL FARMING MARKET BY GROWTH MECHANISM, 2017 - 2023, USD MILLION

Table 31 CHINA VERTICAL FARMING MARKET BY COMPONENT, 2013 - 2016, USD MILLION

Table 32 CHINA VERTICAL FARMING MARKET BY COMPONENT, 2017 - 2023, USD MILLION

Table 33 JAPAN VERTICAL FARMING MARKET, 2013 - 2016, USD MILLION

Table 34 JAPAN VERTICAL FARMING MARKET, 2017 - 2023, USD MILLION

Table 35 JAPAN VERTICAL FARMING MARKET BY GROWTH MECHANISM, 2013 - 2016, USD MILLION

Table 36 JAPAN VERTICAL FARMING MARKET BY GROWTH MECHANISM, 2017 - 2023, USD MILLION

Table 37 JAPAN VERTICAL FARMING MARKET BY COMPONENT, 2013 - 2016, USD MILLION

Table 38 JAPAN VERTICAL FARMING MARKET BY COMPONENT, 2017 - 2023, USD MILLION

Table 39 INDIA VERTICAL FARMING MARKET, 2013 - 2016, USD MILLION

Table 40 INDIA VERTICAL FARMING MARKET, 2017 - 2023, USD MILLION

Table 41 INDIA VERTICAL FARMING MARKET BY GROWTH MECHANISM, 2013 - 2016, USD MILLION

Table 42 INDIA VERTICAL FARMING MARKET BY GROWTH MECHANISM, 2017 - 2023, USD MILLION

Table 43 INDIA VERTICAL FARMING MARKET BY COMPONENT, 2013 - 2016, USD MILLION

Table 44 INDIA VERTICAL FARMING MARKET BY COMPONENT, 2017 - 2023, USD MILLION

Table 45 SOUTH KOREA VERTICAL FARMING MARKET, 2013 - 2016, USD MILLION

Table 46 SOUTH KOREA VERTICAL FARMING MARKET, 2017 - 2023, USD MILLION

Table 47 SOUTH KOREA VERTICAL FARMING MARKET BY GROWTH MECHANISM, 2013 - 2016, USD MILLION

Table 48 SOUTH KOREA VERTICAL FARMING MARKET BY GROWTH MECHANISM, 2017 - 2023, USD MILLION

Table 49 SOUTH KOREA VERTICAL FARMING MARKET BY COMPONENT, 2013 - 2016, USD MILLION

Table 50 SOUTH KOREA VERTICAL FARMING MARKET BY COMPONENT, 2017 - 2023, USD MILLION

Table 51 SINGAPORE VERTICAL FARMING MARKET, 2013 - 2016, USD MILLION

Table 52 SINGAPORE VERTICAL FARMING MARKET, 2017 - 2023, USD MILLION

Table 53 SINGAPORE VERTICAL FARMING MARKET BY GROWTH MECHANISM, 2013 - 2016, USD MILLION

Table 54 SINGAPORE VERTICAL FARMING MARKET BY GROWTH MECHANISM, 2017 - 2023, USD MILLION

Table 55 SINGAPORE VERTICAL FARMING MARKET BY COMPONENT, 2013 - 2016, USD MILLION

Table 56 SINGAPORE VERTICAL FARMING MARKET BY COMPONENT, 2017 - 2023, USD MILLION

Table 57 MALAYSIA VERTICAL FARMING MARKET, 2013 - 2016, USD MILLION

Table 58 MALAYSIA VERTICAL FARMING MARKET, 2017 - 2023, USD MILLION

Table 59 MALAYSIA VERTICAL FARMING MARKET BY GROWTH MECHANISM, 2013 - 2016, USD MILLION

Table 60 MALAYSIA VERTICAL FARMING MARKET BY GROWTH MECHANISM, 2017 - 2023, USD MILLION

Table 61 MALAYSIA VERTICAL FARMING MARKET BY COMPONENT, 2013 - 2016, USD MILLION

Table 62 MALAYSIA VERTICAL FARMING MARKET BY COMPONENT, 2017 - 2023, USD MILLION

Table 63 REST OF ASIA PACIFIC VERTICAL FARMING MARKET, 2013 - 2016, USD MILLION

Table 64 REST OF ASIA PACIFIC VERTICAL FARMING MARKET, 2017 - 2023, USD

**MILLION**

Table 65 REST OF ASIA PACIFIC VERTICAL FARMING MARKET BY GROWTH MECHANISM, 2013 - 2016, USD MILLION

Table 66 REST OF ASIA PACIFIC VERTICAL FARMING MARKET BY GROWTH MECHANISM, 2017 - 2023, USD MILLION

Table 67 REST OF ASIA PACIFIC VERTICAL FARMING MARKET BY COMPONENT, 2013 - 2016, USD MILLION

Table 68 REST OF ASIA PACIFIC VERTICAL FARMING MARKET BY COMPONENT, 2017 - 2023, USD MILLION

Table 69 KEY INFORMATION – KONINKLIJKE PHILIPS N.V

Table 70 KEY INFORMATION – AEROFARMS

Table 71 KEY INFORMATION – URBAN CROPS SOLUTIONS

Table 72 KEY INFORMATION – ILLUMITEX, INC.

Table 73 KEY INFORMATION – SKY GREEN LTD.

Table 74 KEY INFORMATION – EVERLIGHT ELECTRONICS CO., LTD.

Table 75 KEY INFORMATION – AMERICAN HYDROPONICS

Table 76 KEY INFORMATION – HORT AMERICAS

Table 77 KEY INFORMATION – AGRILUTION

Table 78 KEY INFORMATION – GREEN SENSE FARMS, LLC



## I would like to order

Product name: Asia Pacific Vertical Farming Market Analysis (2017-2023)

Product link: <https://marketpublishers.com/r/A2E9186762FEN.html>

Price: US\$ 1,500.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A2E9186762FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970