

Europe IoT in Agriculture Market: Focus on Application, Product, and Country-Wise Analysis - Analysis and Forecast, 2023-2033

<https://marketpublishers.com/r/E41041AC36E0EN.html>

Date: September 2024

Pages: 0

Price: US\$ 3,250.00 (Single User License)

ID: E41041AC36E0EN

Abstracts

Hard copy option is available on any of the options above at an additional charge of \$500. Please email us at order@marketpublishers.com with your request.

Introduction to Europe IoT in Agriculture Market

The Europe IoT in agriculture market was valued at \$5.15 billion in 2023 and is expected to reach \$17.85 billion by 2033. Internet of Things (IoT) represents a major breakthrough in the management and optimization of farming processes, therefore its importance in the European agriculture industry cannot be emphasized. Adopting IoT technologies gives farmers and agribusinesses access to a variety of real-time data from sensors tracking weather, crop health, soil moisture, and other important variables. With the use of sophisticated analytics, this data is used to support precision farming, which lowers expenses and the environmental effect of pesticide, fertilizer, and water application while increasing quality and yield.

Additionally, IoT technology helps to solve manpower shortages and increase output levels by automating a variety of agricultural processes, from planting to harvesting. By encouraging smarter, more efficient practices, the integration of IoT in agriculture not only improves sustainability and efficiency but also increases food security by fostering, more adaptive agricultural systems that can respond to changing climatic conditions and the increasing global demand for food.

Market Introduction

The agriculture IoT market in Europe is expanding quickly as a result of farmers and

agribusinesses using technology more and more to improve efficiency, sustainability, and productivity. The Internet of Things, or IoT, is the use of networked sensors and devices to gather and process data in real-time, facilitating improved agricultural practice decision-making.

IoT solutions are increasingly indispensable in Europe, where agricultural production is critical to both food security and economic stability. Precision farming is made possible by these technologies, which provide farmers the ability to track weather patterns, crop health, and soil moisture levels. Farmers may improve crop output and quality while cutting expenses and lessening their impact on the environment by applying water, fertilizer, and pesticides more precisely.

The adoption of IoT technologies is further fueled by the European Union's emphasis on climate change adaption and sustainable farming practices. The integration of cutting-edge technologies in farming is supported by a number of initiatives and financing programs, which serve to address issues including resource management and labor shortages.

The desire for locally sourced and sustainable food is rising, which means that Europe's IoT for agriculture market is expected to grow significantly. The future of farming in the area is greatly influenced by IoT technology, which is developing smarter, more responsive agricultural systems.

Market Segmentation

Segmentation 1: by Application

Precision Crop Farming

Livestock Monitoring and Management

Indoor Farming

Aquaculture

Others

Segmentation 2: by Component

Hardware

- o Processors and Sensors
- o Communication Modules
- o Others

Software

Segmentation 3: by Country

U.K.

Germany

France

Spain

Italy

Netherlands

Denmark

Rest-of-Europe

How can this report add value to an organization?

Product/Innovation Strategy: The product segment helps the reader understand the different types of components available for deployment and their potential in Europe region. Moreover, the study provides the reader with a detailed understanding of the IoT in agriculture market by application on the basis of application (precision crop farming, livestock monitoring and management, indoor farming, aquaculture, and others) and product on the basis of component (hardware and software).

Growth/Marketing Strategy: The Europe IoT in agriculture market has seen major development by key players operating in the market, such as business expansion, partnership, collaboration, and joint venture. The favored strategy for the companies has been partnerships and contracts to strengthen their position in the IoT in agriculture market.

Competitive Strategy: Key players in the Europe IoT in agriculture market analyzed and profiled in the study involve major IoT in agriculture, offering companies providing IoT in agriculture for the purpose. Moreover, a detailed competitive benchmarking of the players operating in the IoT in agriculture market has been done to help the reader understand how players stack against each other, presenting a clear market landscape. Additionally, comprehensive competitive strategies such as partnerships, agreements, and collaborations will aid the reader in understanding the untapped revenue pockets in the market.

Key Market Players and Competition Synopsis

The companies that are profiled have been selected based on thorough secondary research, which includes analyzing company coverage, product portfolio, market penetration, and insights gathered from primary experts.

Some prominent names established in this market are:

CNH Industrial N.V

Robert Bosch GmbH

Heliospectra AB

Signify Holding

AKVA Group ASA

AGRIVI

Climate LLC

Contents

Executive Summary
Scope and Definition

1 MARKETS

- 1.1 Trends: Current and Future Impact Assessment
 - 1.1.1 Trends: Overview
 - 1.1.2 Agricultural Drones
 - 1.1.3 Autonomous Systems and Agricultural Robots
 - 1.1.4 Blockchain for Traceability
- 1.2 Supply Chain Analysis
 - 1.2.1 Value Chain Analysis
- 1.3 Research and Development Review
 - 1.3.1 Patent Filing Trend (by Country, Number of Patents)
- 1.4 Regulatory Landscape
- 1.5 Market Dynamics Overview
 - 1.5.1 Market Drivers
 - 1.5.1.1 Increase in Demand for Agricultural Efficiency and Productivity
 - 1.5.1.2 Advancements in Agricultural Technologies
 - 1.5.1.3 Rise in Adoption of Precision Farming
 - 1.5.2 Market Restraints
 - 1.5.2.1 Lack of Trained Personnel
 - 1.5.2.2 High Initial Investment Costs
 - 1.5.3 Market Opportunities
 - 1.5.3.1 Integration of IoT in Robotics
 - 1.5.3.2 Livestock Monitoring and Management

2 REGIONS

- 2.1 Regional Summary
- 2.2 Drivers and Restraints
- 2.3 Europe
 - 2.3.1 Regional Overview
 - 2.3.2 Driving Factors for Market Growth
 - 2.3.3 Factors Challenging the Market
 - 2.3.4 Application
 - 2.3.5 Product

- 2.3.6 France
- 2.3.7 Application
- 2.3.8 Product
- 2.3.9 Germany
- 2.3.10 Application
- 2.3.11 Product
- 2.3.12 U.K.
- 2.3.13 Application
- 2.3.14 Product
- 2.3.15 Spain
- 2.3.16 Application
- 2.3.17 Product
- 2.3.18 Italy
- 2.3.19 Application
- 2.3.20 Product
- 2.3.21 Netherlands
- 2.3.22 Application
- 2.3.23 Product
- 2.3.24 Denmark
- 2.3.25 Application
- 2.3.26 Product
- 2.3.27 Rest-of-Europe
- 2.3.28 Application
- 2.3.29 Product

3 MARKETS – COMPETITIVE BENCHMARKING & COMPANY PROFILES

- 3.1 Next Frontiers
- 3.2 Geographic Assessment
 - 3.2.1 CNH Industrial N.V.
 - 3.2.1.1 Overview
 - 3.2.1.2 Top Products/Product Portfolio
 - 3.2.1.3 Top Competitors
 - 3.2.1.4 Target Customers
 - 3.2.1.5 Key Personnel
 - 3.2.1.6 Analyst View
 - 3.2.1.7 Market Share
 - 3.2.2 Robert Bosch GmbH
 - 3.2.2.1 Overview

- 3.2.2.2 Top Products/Product Portfolio
- 3.2.2.3 Top Competitors
- 3.2.2.4 Target Customers
- 3.2.2.5 Key Personnel
- 3.2.2.6 Analyst View
- 3.2.2.7 Market Share
- 3.2.3 Heliospectra AB
 - 3.2.3.1 Overview
 - 3.2.3.2 Top Products/Product Portfolio
 - 3.2.3.3 Top Competitors
 - 3.2.3.4 Target Customers
 - 3.2.3.5 Key Personnel
 - 3.2.3.6 Analyst View
 - 3.2.3.7 Market Share
- 3.2.4 Signify Holding
 - 3.2.4.1 Overview
 - 3.2.4.2 Top Products/Product Portfolio
 - 3.2.4.3 Top Competitors
 - 3.2.4.4 Target Customers
 - 3.2.4.5 Key Personnel
 - 3.2.4.6 Analyst View
 - 3.2.4.7 Market Share
- 3.2.5 AKVA Group ASA
 - 3.2.5.1 Overview
 - 3.2.5.2 Top Products/Product Portfolio
 - 3.2.5.3 Top Competitors
 - 3.2.5.4 Target Customers
 - 3.2.5.5 Key Personnel
 - 3.2.5.6 Analyst View
 - 3.2.5.7 Market Share
- 3.2.6 AGRIVI
 - 3.2.6.1 Overview
 - 3.2.6.2 Top Products/Product Portfolio
 - 3.2.6.3 Top Competitors
 - 3.2.6.4 Target Customers
 - 3.2.6.5 Key Personnel
 - 3.2.6.6 Analyst View
 - 3.2.6.7 Market Share
- 3.2.7 Climate LLC

- 3.2.7.1 Overview
- 3.2.7.2 Top Products/Product Portfolio
- 3.2.7.3 Top Competitors
- 3.2.7.4 Target Customers
- 3.2.7.5 Key Personnel
- 3.2.7.6 Analyst View
- 3.2.7.7 Market Share
- 3.2.8 Connecterra B.V.
 - 3.2.8.1 Overview
 - 3.2.8.2 Top Products/Product Portfolio
 - 3.2.8.3 Top Competitors
 - 3.2.8.4 Target Customers
 - 3.2.8.5 Key Personnel
 - 3.2.8.6 Analyst View
 - 3.2.8.7 Market Share
- 3.2.9 OSRAM GmbH
 - 3.2.9.1 Overview
 - 3.2.9.2 Top Products/Product Portfolio
 - 3.2.9.3 Top Competitors
 - 3.2.9.4 Target Customers
 - 3.2.9.5 Key Personnel
 - 3.2.9.6 Analyst View
 - 3.2.9.7 Market Share

4 RESEARCH METHODOLOGY

- 4.1 Data Sources
 - 4.1.1 Primary Data Sources
 - 4.1.2 Secondary Data Sources
 - 4.1.3 Data Triangulation
- 4.2 Market Estimation and Forecast

List Of Figures

LIST OF FIGURES

- Figure 1: Europe IoT in Agriculture Market (by Application), 2022, 2026, and 2033
- Figure 2: Europe IoT in Agriculture Market (by Component), 2022, 2026, and 2033
- Figure 3: IoT in Agriculture Market, Recent Developments
- Figure 4: Supply Chain and Risks within the Supply Chain
- Figure 5: IoT in Agriculture Market (by Number of Patents), January 2020-December 2023
- Figure 6: Impact Analysis of Market Navigating Factors, 2022-2033
- Figure 7: France IoT in Agriculture Market, \$Million, 2022-2033
- Figure 8: Germany IoT in Agriculture Market, \$Million, 2022-2033
- Figure 9: U.K. IoT in Agriculture Market, \$Million, 2022-2033
- Figure 10: Spain IoT in Agriculture Market, \$Million, 2022-2033
- Figure 11: Italy IoT in Agriculture Market, \$Million, 2022-2033
- Figure 12: Netherlands IoT in Agriculture Market, \$Million, 2022-2033
- Figure 13: Denmark IoT in Agriculture Market, \$Million, 2022-2033
- Figure 14: Rest-of-Europe IoT in Agriculture Market, \$Million, 2022-2033
- Figure 15: Strategic Initiatives, 2020-2024
- Figure 16: Share of Strategic Initiatives
- Figure 17: Data Triangulation
- Figure 18: Top-Down and Bottom-Up Approach
- Figure 19: Assumptions and Limitations

List Of Tables

LIST OF TABLES

Table 1: Market Snapshot

Table 2: IoT in Agriculture Market, Opportunities

Table 3: IoT in Agriculture Market (by Region), \$Million, 2022-2033

Table 4: IoT in Agriculture Market (by Region), Thousand Unit, 2022-2033

Table 5: Europe IoT in Agriculture Market (by Application), \$Million, 2022-2033

Table 6: Europe IoT in Agriculture Market (by Component), \$Million, 2022-2033

Table 7: Europe IoT in Agriculture Market (by Component), Thousand Unit, 2022-2033

Table 8: France IoT in Agriculture Market (by Application), \$Million, 2022-2033

Table 9: France IoT in Agriculture Market (by Component), \$Million, 2022-2033

Table 10: France IoT in Agriculture Market (by Component), Thousand Unit, 2022-2033

Table 11: Germany IoT in Agriculture Market (by Application), \$Million, 2022-2033

Table 12: Germany IoT in Agriculture Market (by Component), \$Million, 2022-2033

Table 13: Germany IoT in Agriculture Market (by Component), Thousand Unit, 2022-2033

Table 14: U.K. IoT in Agriculture Market (by Application), \$Million, 2022-2033

Table 15: U.K. IoT in Agriculture Market (by Component), \$Million, 2022-2033

Table 16: U.K. IoT in Agriculture Market (by Component), Thousand Unit, 2022-2033

Table 17: Spain IoT in Agriculture Market (by Application), \$Million, 2022-2033

Table 18: Spain IoT in Agriculture Market (by Component), \$Million, 2022-2033

Table 19: Spain IoT in Agriculture Market (by Component), Thousand Unit, 2022-2033

Table 20: Italy IoT in Agriculture Market (by Application), \$Million, 2022-2033

Table 21: Italy IoT in Agriculture Market (by Component), \$Million, 2022-2033

Table 22: Italy IoT in Agriculture Market (by Component), Thousand Unit, 2022-2033

Table 23: Netherlands IoT in Agriculture Market (by Application), \$Million, 2022-2033

Table 24: Netherlands IoT in Agriculture Market (by Component), \$Million, 2022-2033

Table 25: Netherlands IoT in Agriculture Market (by Component), Thousand Unit, 2022-2033

Table 26: IoT in Agriculture Market (by Application), \$Million, 2022-2033

Table 27: Italy IoT in Agriculture Market (by Component), \$Million, 2022-2033

Table 28: Italy IoT in Agriculture Market (by Component), Thousand Unit, 2022-2033

Table 29: Rest-of-Europe IoT in Agriculture Market (by Application), \$Million, 2022-2033

Table 30: Rest-of-Europe IoT in Agriculture Market (by Component), \$Million, 2022-2033

Table 31: Rest-of-Europe IoT in Agriculture Market (by Component), Thousand Unit, 2022-2033

I would like to order

Product name: Europe IoT in Agriculture Market: Focus on Application, Product, and Country-Wise Analysis - Analysis and Forecast, 2023-2033

Product link: <https://marketpublishers.com/r/E41041AC36E0EN.html>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/E41041AC36E0EN.html>