

Europe Precision Livestock Farming Market Size, Share, Trends & Analysis by Farm Type (Dairy Farms, Swine Farms, Poultry Farms, Others), by Offering (Hardware, Software, Services), by System Type (Milking Robotic Systems, Precision Feeding Systems, Livestock Monitoring Systems) and Region, with Forecasts from 2024 to 2034.

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Abstracts

Market Overview

The Europe Precision Livestock Farming Market is poised for substantial growth from 2024 to 2034, driven by the increasing adoption of advanced technologies in livestock management, rising concerns over animal welfare, and the need for enhanced productivity and sustainability in the agriculture sector. The market is anticipated to reach USD XX.XX billion by 2034, growing at a compound annual growth rate (CAGR) of XX.XX% from USD XX.XX billion in 2024. Key factors driving this growth include:

Technological Advancements in Farming Systems: The integration of IoT, artificial intelligence (AI), and big data analytics is revolutionizing livestock management, improving efficiency and reducing operational costs.

Rising Demand for Sustainable Farming Practices: Increasing focus on sustainability is prompting farmers to adopt precision farming technologies to optimize resource use while maintaining profitability.

Government Initiatives and Funding: Supportive policies and financial incentives for precision farming are facilitating technology adoption across Europe.

Definition and Scope of Precision Livestock Farming

Precision livestock farming involves the use of advanced technologies and systems to monitor, manage, and optimize the health, welfare, and productivity of farm animals. This includes hardware solutions like sensors, cameras, and robotic systems; software platforms for data analytics; and services such as installation, training, and maintenance. The market encompasses dairy, swine, poultry, and other livestock farming applications.

Market Drivers

Growing Focus on Animal Health and Welfare: The need for real-time monitoring of animal behavior, health, and environmental conditions is driving the adoption of precision farming technologies.

Increasing Demand for Automation: Robotic milking systems, automated feeding systems, and livestock monitoring tools are streamlining farming operations and reducing labor costs.

Rising Population and Food Demand: Growing demand for animal-based food products is pushing farmers to adopt efficient and scalable farming practices.

Market Restraints

High Initial Investment Costs: The significant capital expenditure required for implementing precision farming systems can be a barrier for small and medium-sized farms.

Lack of Skilled Workforce: The operation and maintenance of advanced systems require technical expertise, which may limit adoption in certain regions.

Opportunities

Emergence of Smart Farming Solutions: Integration of AI, machine learning, and cloud computing is creating new growth avenues in livestock farming.

Adoption in Emerging Markets: Increasing awareness and accessibility of precision farming technologies in Eastern and Southern Europe present untapped growth opportunities.

Focus on Carbon Neutrality: Precision farming technologies that optimize feed efficiency and reduce greenhouse gas emissions align with the EU's sustainability goals.

Market Segmentation Analysis

By Farm Type

Dairy Farms

Swine Farms

Poultry Farms

Others

By Offering

Hardware

Software

Services

By System Type

Milking Robotic Systems

Precision Feeding Systems

Livestock Monitoring Systems

Regional Analysis

Germany: A leader in the adoption of precision livestock technologies, driven by a well-established agricultural sector and high-tech infrastructure.

Netherlands: Renowned for dairy farming, the country is a frontrunner in implementing robotic milking systems and livestock monitoring technologies.

France: Growing investments in smart farming initiatives are expected to bolster market growth in precision livestock farming.

UK: Rising concerns over sustainability and food security are driving demand for advanced farming systems.

Rest of Europe: Countries in Eastern Europe and the Nordics are emerging as lucrative markets due to increased focus on modernizing farming practices.

The Europe Precision Livestock Farming Market is set to grow rapidly, underpinned by advancements in technology, increasing focus on sustainability, and government support. Despite challenges like high costs and skill gaps, the integration of smart systems and the rise of data-driven farming practices are poised to drive the market forward, ensuring efficient and sustainable livestock management.

Competitive Landscape

The Europe Precision Livestock Farming Market is highly competitive, with key players focusing on innovation, partnerships, and regional expansion. Major companies in the market include:

DeLaval International AB

GEA Group AG

BouMatic, LLC

Allflex Livestock Intelligence (part of MSD Animal Health)

Lely International N.V.

Fancom BV

Afimilk Ltd.

Nedap N.V.

Cainthus

HerdInsights

Contents

1. INTRODUCTION

- 1.1. Definition of Precision Livestock Farming
- 1.2. Scope of the Report
- 1.3. Research Methodology

2. EXECUTIVE SUMMARY

- 2.1. Key Findings
- 2.2. Market Snapshot
- 2.3. Key Trends

3. MARKET DYNAMICS

- 3.1. Market Drivers
 - 3.1.1. Growing Demand for Livestock Productivity and Efficiency
 - 3.1.2. Technological Advancements in Livestock Monitoring
 - 3.1.3. Increasing Adoption of Sustainable Farming Practices
 - 3.1.4. Other Market Drivers
- 3.2. Market Restraints
 - 3.2.1. High Initial Investment in Precision Farming Technologies
 - 3.2.2. Technical and Operational Challenges
 - 3.2.3. Regulatory and Data Privacy Concerns
 - 3.2.4. Other Market Restraints
- 3.3. Market Opportunities
 - 3.3.1. Expansion of IoT and Big Data Applications in Livestock Farming
 - 3.3.2. Rising Popularity of Automated Farming Solutions
 - 3.3.3. Growing Focus on Animal Health and Welfare
 - 3.3.4. Other Market Opportunities

4. EUROPE PRECISION LIVESTOCK FARMING MARKET ANALYSIS

- 4.1. Market Size and Forecast (2024-2034)
- 4.2. Market Share Analysis by:
 - 4.2.1. Farm Type
 - 4.2.1.1. Dairy Farms
 - 4.2.1.2. Swine Farms

- 4.2.1.3. Poultry Farms
- 4.2.1.4. Other Farm Types
- 4.2.2. Offering
 - 4.2.2.1. Hardware
 - 4.2.2.2. Software
 - 4.2.2.3. Services
- 4.2.3. System Type
 - 4.2.3.1. Milking Robotic Systems
 - 4.2.3.2. Precision Feeding Systems
 - 4.2.3.3. Livestock Monitoring Systems
- 4.3. Value Chain Analysis
- 4.4. SWOT Analysis
- 4.5. Porter's Five Forces Analysis

5. REGIONAL MARKET ANALYSIS

- 5.1. Germany
 - 5.1.1. Market Overview
 - 5.1.2. Market Size and Forecast
 - 5.1.3. Key Trends
 - 5.1.4. Competitive Landscape
- 5.2. United Kingdom
 - 5.2.1. Market Overview
 - 5.2.2. Market Size and Forecast
 - 5.2.3. Key Trends
 - 5.2.4. Competitive Landscape
- 5.3. France
 - 5.3.1. Market Overview
 - 5.3.2. Market Size and Forecast
 - 5.3.3. Key Trends
 - 5.3.4. Competitive Landscape
- 5.4. Italy
 - 5.4.1. Market Overview
 - 5.4.2. Market Size and Forecast
 - 5.4.3. Key Trends
 - 5.4.4. Competitive Landscape
- 5.5. Spain
 - 5.5.1. Market Overview
 - 5.5.2. Market Size and Forecast

- 5.5.3. Key Trends
- 5.5.4. Competitive Landscape
- 5.6. Rest of Europe
 - 5.6.1. Market Overview
 - 5.6.2. Market Size and Forecast
 - 5.6.3. Key Trends
 - 5.6.4. Competitive Landscape

6. COMPETITIVE LANDSCAPE

- 6.1. Market Share Analysis of Key Players
- 6.2. Company Profiles of Key Players
 - 6.2.1. DeLaval International AB
 - 6.2.2. GEA Group AG
 - 6.2.3. BouMatic, LLC
 - 6.2.4. Allflex Livestock Intelligence (part of MSD Animal Health)
 - 6.2.5. Lely International N.V.
 - 6.2.6. Fancom BV
 - 6.2.7. Afimilk Ltd.
 - 6.2.8. Nedap N.V.
 - 6.2.9. Cainthus
 - 6.2.10. HerdInsights
- 6.3. Recent Developments and Innovations
- 6.4. Strategic Initiatives

7. FUTURE OUTLOOK AND MARKET FORECAST

- 7.1. Market Growth Prospects
- 7.2. Technological Trends and Innovations
- 7.3. Investment Opportunities
- 7.4. Strategic Recommendations

8. KEY INSIGHTS AND REITERATION OF MAIN FINDINGS

9. FUTURE PROSPECTS FOR THE EUROPE PRECISION LIVESTOCK FARMING MARKET

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