

Key Trends in the Laying Poultry Sector for 2025:

Innovation, Sustainability, and Animal Welfare



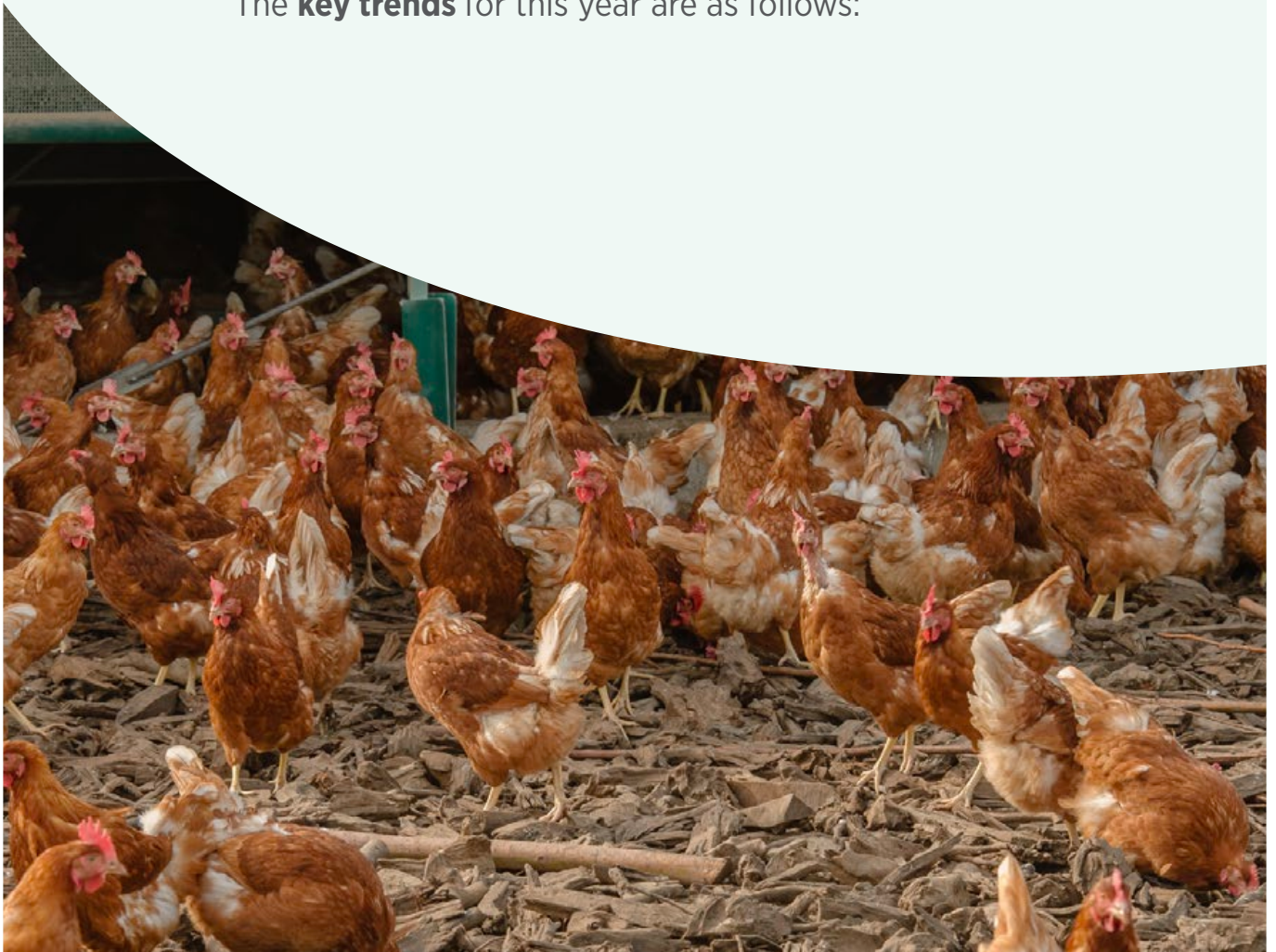
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POULTRY EQUIPMENT

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The **laying poultry sector** is undergoing a **significant transformation**, driven by evolving consumer expectations, technological advancements, and increasing pressure to adopt more sustainable practices.

- Looking ahead to 2025, the most relevant trends in the laying poultry industry reflect a renewed focus on efficiency, sustainability, animal health, and digitalization, which will shape the future of egg production.

The **key trends** for this year are as follows:





Sustainability and Carbon Footprint Reduction



Sustainability remains a fundamental pillar for egg producers. Consumers are becoming increasingly demanding regarding the environmental impact of the products they purchase, particularly concerning animal welfare, waste reduction, and the carbon footprint of production. In this context, **renewable energy and circular economy strategies**, such as the recycling of poultry by-products, are gaining prominence.

Zucami has been a pioneer in developing innovative solutions to reduce environmental impact, offering **adjustable ventilation systems, efficient heating, and evaporative panels, all tailored to the specific climatic conditions of each region.**



Thanks to these technologies, producers can improve energy efficiency, reduce CO₂ emissions, and ensure a comfortable environment for both the birds and the surrounding ecosystem.



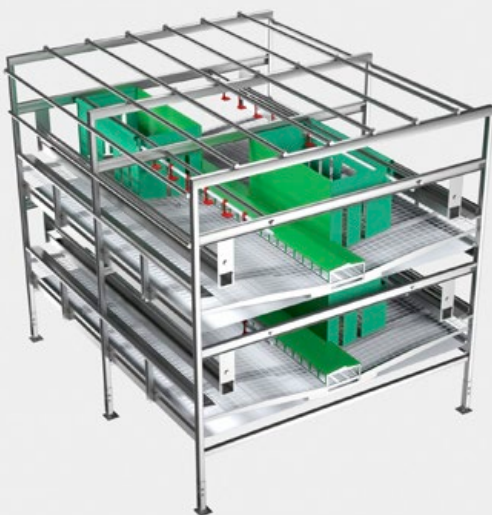


Animal Welfare



Animal welfare remains a central priority for both regulators and consumers. Housing systems must allow birds to behave naturally, which not only benefits their health but also improves productivity.

Advanced technology has enabled the development of more efficient solutions to ensure bird welfare, **facilitating health monitoring** and providing a more suitable environment for their development. **Modular aviary systems offer great flexibility and adaptability to different farm sizes**, ensuring optimal conditions for the birds at all times.



Aviaries such as **GREEN WAY** for layers feature a modular system that allows for high housing capacity in diverse spaces, improving mobility and **bird welfare**. Additionally, this system incorporates smart monitoring technologies, enabling producers to track bird health in real-time and ensure they are in an optimal environment throughout the production process.



Technology for Optimizing Production and Poultry Health



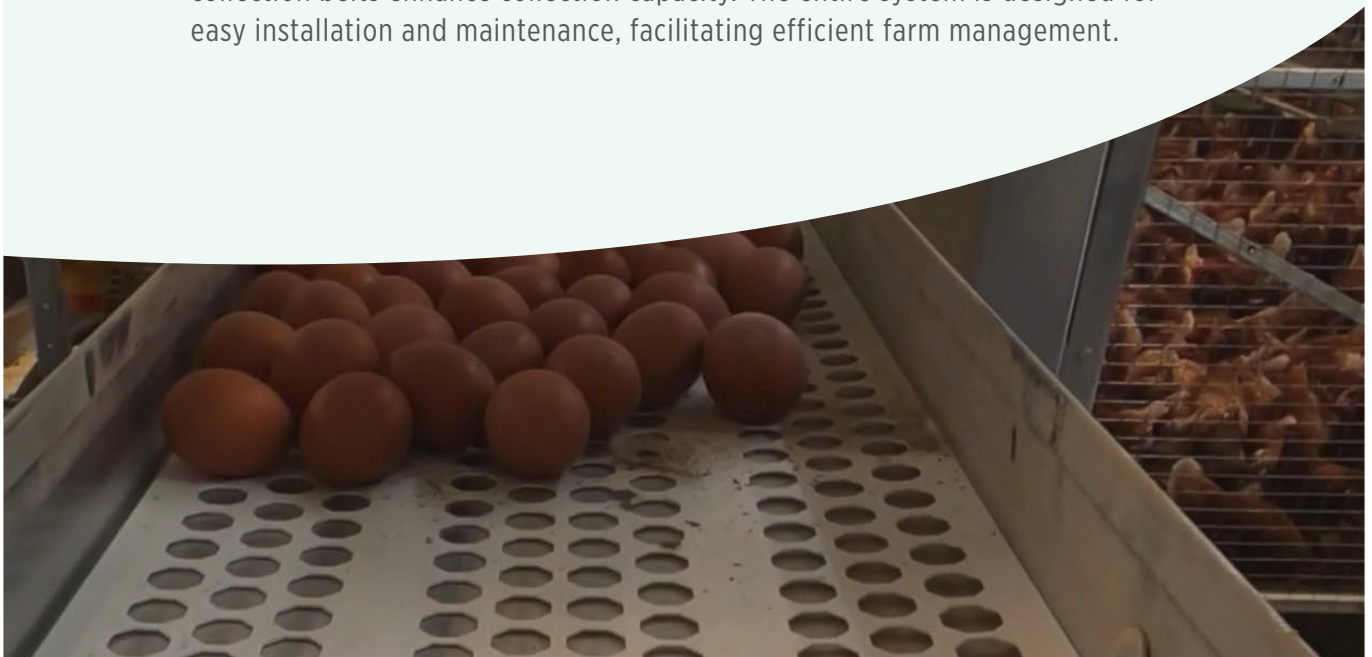
Digitalization and the use of advanced technologies, such as sensors, artificial intelligence (AI), and remote monitoring, are revolutionizing farm management. These advancements optimize operational efficiency, improve animal health, control feeding, and enhance product traceability.



Additionally, automation of processes such as egg collection and feed management is helping to reduce costs and increase productivity.

Zucami's new aviary models are designed to **facilitate efficient bird supervision, allowing direct access to eggs and nest boxes from the aisle.** This setup enhances inspection and monitoring capabilities, ensuring birds are well-managed.

Moreover, these systems optimize available space, promoting greater bird mobility and adaptability from the start, contributing to their overall welfare. The removable nest system simplifies cleaning and disinfection, while egg collection belts enhance collection capacity. The entire system is designed for easy installation and maintenance, facilitating efficient farm management.





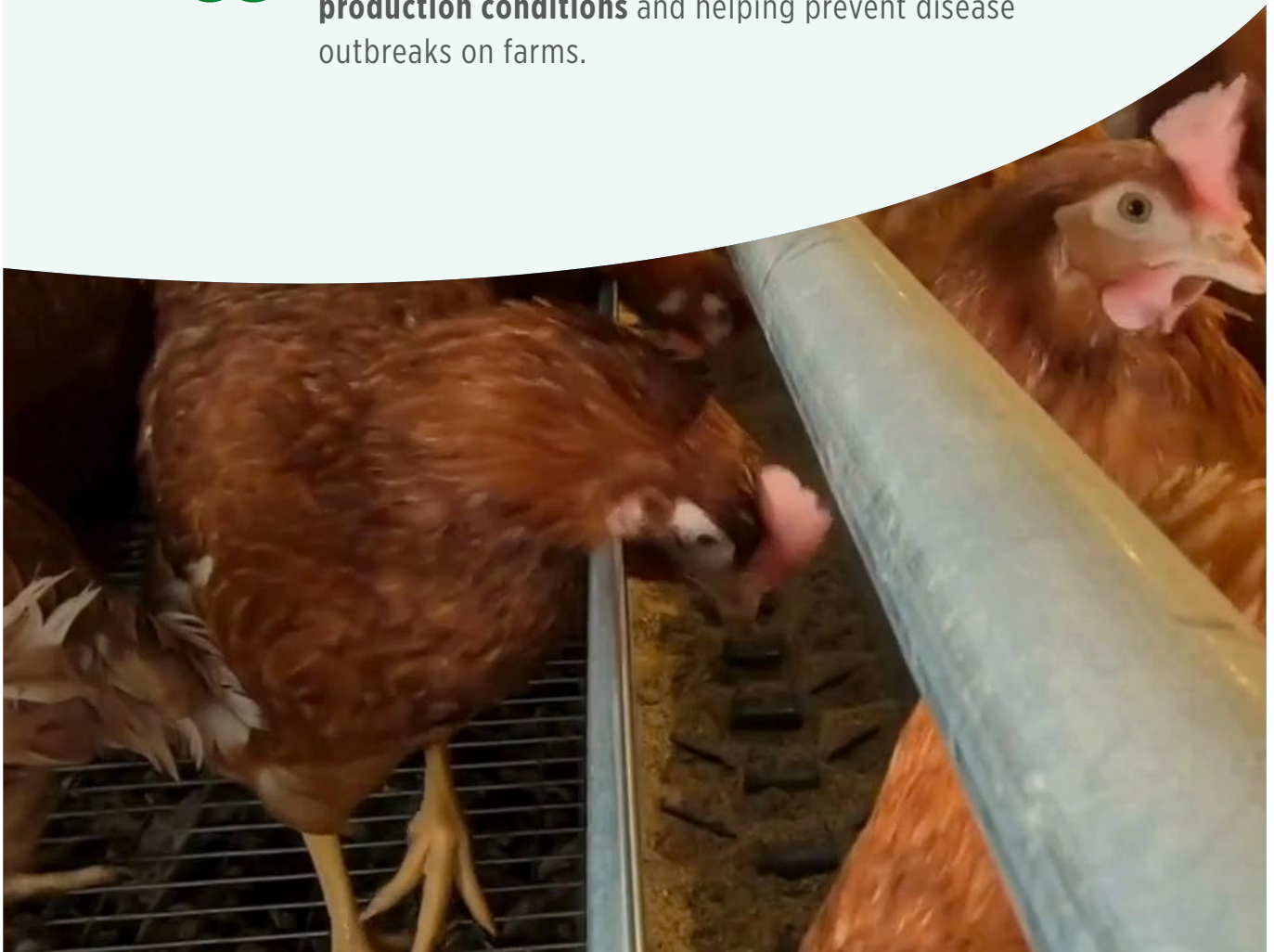
Traceability and Transparency in the Supply Chain



Traceability has become a priority for consumers, who demand to know the origin of the products they consume. Emerging technologies such as blockchain are beginning to be implemented to ensure transparency in the poultry supply chain. These technologies allow consumers to verify production conditions and the origin of eggs, increasing trust in the final product.



Traceability also plays a crucial role in **biosecurity management, enabling better supervision of production conditions** and helping prevent disease outbreaks on farms.





The Impact of Artificial Intelligence on Farm Management



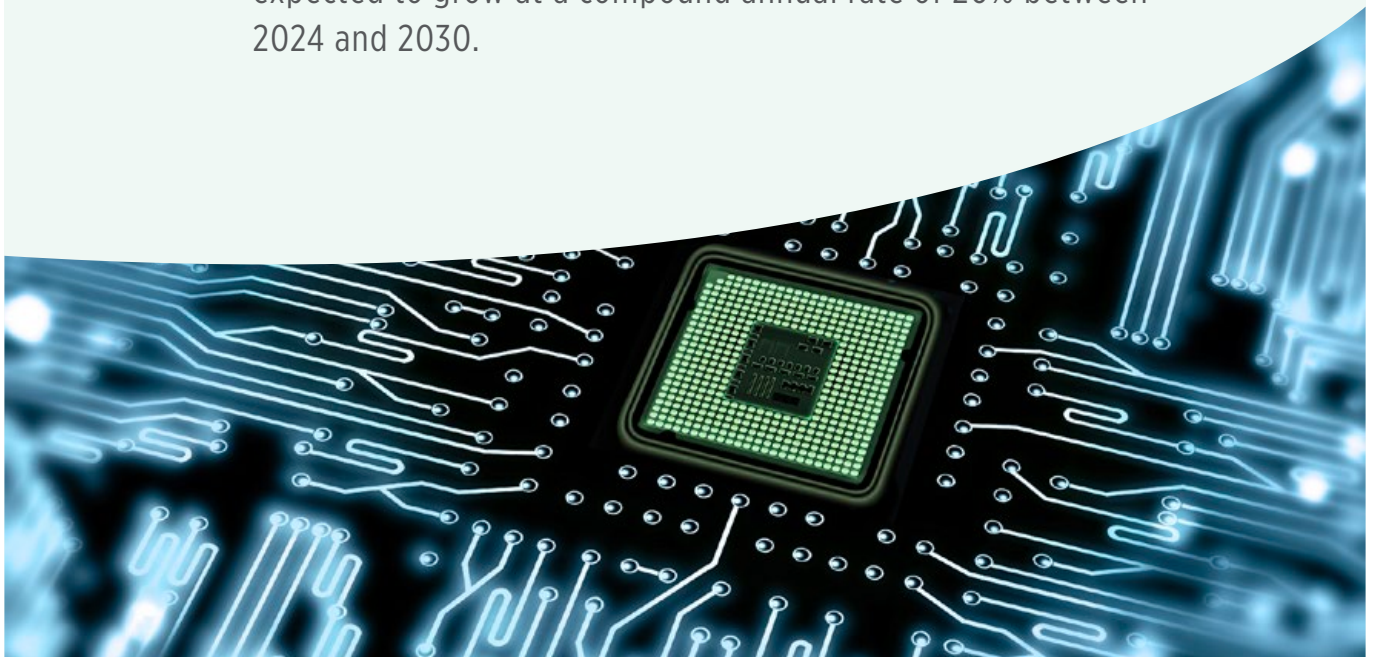
Artificial intelligence (AI) and the Internet of Things (IoT) are beginning to transform the way poultry farms are managed.

These advancements enable optimization in areas such as feeding, animal health, climate control, and real-time data collection, facilitating informed decision-making.



The **use of mobile applications** and remote control systems offered by Zucami allows producers to manage their operations more efficiently, from regulating temperature and humidity to egg collection and by-product treatment. This technology also enables continuous farm monitoring, alerting producers to any incidents.

According to a Grand View Research (2023) report, the agricultural technology market, including the poultry sector, is expected to grow at a compound annual rate of 20% between 2024 and 2030.





Regulations and Certifications for Responsible Production



Government regulations related to the production of animal-based foods are becoming stricter, and producers must comply with rigorous standards on animal welfare and food safety. Responsible production certifications are gaining ground in global markets and help consumers identify products that meet high ethical production standards.

Conclusion

Sustainability, animal welfare, technology, and evolving consumer expectations are defining the future of poultry production.

Producers who embrace these trends can expect not only greater efficiency and competitiveness but also increased **consumer trust**.

The poultry industry continues to play a crucial role in global food production, driven by continuous technological advancements and a growing commitment to animal welfare. **Zucami continues to demonstrate its ability to adapt to market demands, ensuring both sustainability and efficiency in its processes.**

In a context of increasing demand for sustainable and ethically responsible products, the future of poultry farming is heading toward a more innovative model aligned with the expectations of the 21st century.



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