

VIV Europe 2022: Evonik focuses on the digital future of poultry production

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- Precision Livestock Farming: digital science-based solutions for sustainable livestock management
- Porphyrio®: the new standard for cloud-based planning and prediction systems for poultry production
- Digital tools for the monitoring of feed raw materials and of animals' health

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Essen, Germany. Evonik will focus on its Precision Livestock Farming program and the ways it can support poultry production – one of the main pillars of the agricultural sector – at VIV Europe 2022 in Utrecht (The Netherlands).

The company believes it is only possible for the industry to serve the important purpose of providing healthy animal protein to a growing world population – efficiently, sustainably, and in compliance with animal welfare standards – with the help of data-driven solutions.

“With our science-based digital solutions, in addition to our years of expertise in animal nutrition, we are tackling the current and future challenges of the poultry industry,” says Catherine Aung, head of the Evonik Precision Livestock Farming line. “We believe that by measuring the parameters that matter and by using these data intelligently, many of the current weaknesses in poultry production can be overcome.”

Evonik will present its cloud-based data management system for the poultry industry (Porphyrio®), as well as digital tools for the monitoring of major poultry pathogens (ScreenFloX®), and feed raw materials (AMINOTools) at booth No. 12.C064 at the center of exhibition hall 12. Live demonstrations at the Evonik booth will allow VIV Europe visitors to familiarize themselves with these innovative systems.

Evonik's Porphyrio® adopts a three-step approach – monitor daily production, predict flock performance, and plan production output – to enable optimized poultry production along the value

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chain. The system uses big data, biostatistics, and scientific self-learning algorithms to make daily poultry production management easier and more successful.

With ScreenFloX®, Evonik offers a digital solution for continuous pathogen monitoring of poultry flocks with a focus on intestinal health and food safety. The solution is based on qPCR testing, and results are created on a wide data pool. The customer gets summarized results on their mobile phone via an application about the risk status in a flock. This enables them to take appropriate action quickly when problems arise.

Company information

Evonik is one of the world leaders in specialty chemicals. The company is active in more than 100 countries around the world and generated sales of €15 billion and an operating profit (adjusted EBITDA) of €2.38 billion in 2021. Evonik goes far beyond chemistry to create innovative, profitable and sustainable solutions for customers. About 33,000 employees work together for a common purpose: We want to improve life today and tomorrow.

About Nutrition & Care

The focus of the business of the Nutrition & Care division is on health and quality of life. It develops differentiated solutions for active pharmaceutical ingredients, medical devices, nutrition for humans and animals, personal care, cosmetics, and household cleaning. In these resilient end markets, the division generated sales of €3.56 billion in 2021 with about 5,300 employees.

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