Joint News Release

P336/22e
September 20, 2002

BASF and Evonik partner to reduce the environmental footprint of the feed and animal protein industries

- **Global science-based companies enter up into agreement to enable transparent environmental assessment & accelerate impact reduction of the animal protein value chain**
- **Cooperation combines BASF's deep value chain sustainability experience in animal nutrition and Evonik's extensive knowledge of feed formulation and customer insights**

BASF and Evonik entered into an agreement, granting Evonik certain non-exclusive licensing rights to Opteinics™ - BASF's digital solution to increase understanding and reduce the environmental footprint of the feed and animal protein industries. Evonik integrates the digital ready-to-use sustainability platform Opteinics™ into its global feed consultancy services. Combining BASF's digital sustainability solution Opteinics™ with Evonik's innovative farm management tools and sustainability services will help customers to produce more sustainable feed and animal protein.

Opteinics™ is a software solution launched by BASF in 2021 to measure, analyze and minimize the environmental impact of animal protein, with an emphasis on animal feed production. Currently the software offers modules for pig and poultry production and can be integrated with feed formulation software.

Opteinics™ for pork has recently been fully verified to conform with the ISO 14040 and 14044 LCA standards as well as with the UN Food & Agriculture Organization Livestock Environmental Assessment & Performance (LEAP) Partnership

BASF Media Contact
Dr. Joachim Hüter
Global Communications
BASF Animal Nutrition
Phone: +49 (0) 172 7470917
joachim.hueter@basf.com

Evonik Media Contact
Yama Olumi
Head of Market Communications
Animal Nutrition Business Line
Phone +49 (0) 6181 59-12437
yama.olumi@evonik.com

guidelines. Applications for the dairy value chain and for the optimization of compound feed mixtures will follow soon.

With the use of Opteinics™, Evonik can even better support the livestock industry to make significant progress in fighting climate change, safeguarding ecosystems, and ensuring health and well-being as it works to achieve sustainable food production.

“BASF has over 25 years of expertise in life cycle assessment. Based on our profound knowledge in sustainability improvement, we have independently developed Opteinics™. With Evonik, we have a strong partner to make it a preferred and leading solution as a digital sustainability platform for the global feed industry,” says Manuel Rez, Director Global Product Management Performance Ingredients & Solutions and Marketing BASF Animal Nutrition.

“We are incorporating BASF’s ready-to-use software Opteinics™ into our comprehensive sustainability solutions for customers,” explains Dr. Stefan Mack, head of Service Marketing at Evonik's Animal Nutrition business line. “Along with Evonik’s global sustainability feed consulting services, it will help to deliver expert knowledge, built on decades of expertise, research, and extensive data”.

BASF and Evonik are already targeting further developments in digital sustainability offerings as they both aim to help the animal production sector become more sustainable.

About BASF

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. Around 111,000 employees in the BASF Group contribute to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio comprises six segments: Chemicals, Materials, Industrial Solutions, Surface Technologies, Nutrition & Care and Agricultural Solutions. BASF generated sales of €78.6 billion in 2021. BASF shares are traded on the stock exchange in Frankfurt (BAS) and as American Depositary Receipts (BASFY) in the U.S. Further information at www.basf.com

About Evonik

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.