**Opteinics®**
Understand and reduce your environmental impact, from feed to animal protein

- Opteinics® is a digital solution that offers dynamic environmental footprinting of feed and animal protein.
- Opportunities for improvement, without compromising cost and nutrition – with integration to feed formulation software.

**Minimizing environmental impact as a third pillar in feed formulation**

Feed & livestock farming in scope

LCA solutions at nutritionists’ fingertips

New dimension in ration design with Opteinics®

Roles: Feed formulators, animal nutritionists, farm consultants

**Who can use Opteinics®?**
Opteinics®
Making feed more sustainable

Feed production is the greatest contributor to environmental impact in livestock. Up to 80% of the ecological footprint of animal protein production can positively be influenced by innovating on feed composition.

Innovate and differentiate with Opteinics®:
Example: Understanding impacts of pork production

- Deliver on your sustainability strategy with tangible insights for innovation. Differentiate your product portfolio.
- Get credible data for your sustainability reporting. Based on globally accepted methods and third-party validated model.
- No need for in-depth sustainability or LCA expertise. Simple software at the nutritionist’s fingertips.
- Report environmental impacts and reductions to your stakeholders – e.g., retailers.

Opteinics® enables reduction of environmental impact from feed and meat:
Example: Reduction of carbon footprint in swine

Carbon footprint of feed
-14%

Carbon footprint of meat
(crade to slaughterhouse gate)
-8%

Source: BASF Opteinics® scenario analysis results

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