

WHAT'S IN IT FOR YOU

At Evonik, we evaluate every link in the value chain in terms of sustainability. It is how we ensure lasting performance and efficiency gains for you. Because expertise in animal nutrition, analytics and product handling means responsibility. Evonik Nutrition & Care with its Animal Nutrition Business Line delivers with AMINOFootprint® 2.1 an advanced solution for the ecological dimension. AMINOFootprint® 2.1 is a web-based app for computers, laptops and tablets for calculating the impact of feed ingredient production from field edge, transportation to the feed mill and the animal performance for feed or cycle compositions for one metric ton of feed or live weight for pigs and poultry.

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AMINOFootprint® 2.1

**REALIZE YOUR
SUSTAINABILITY
POTENTIAL**



CHALLENGE

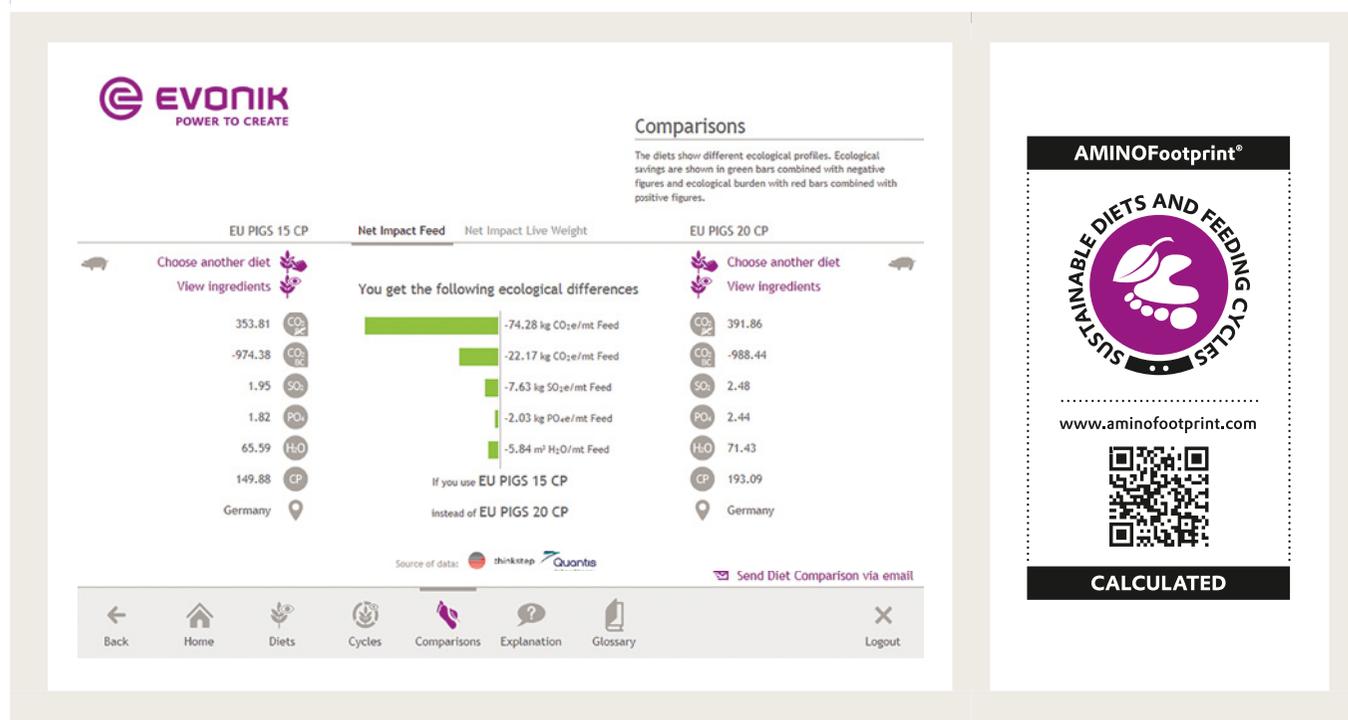
The world and its inhabitants face many challenges today and in the future. One such challenge is that population growth is rapidly increasing and it is expected that we will reach a global population of 9.7 billion by 2050. Accordingly, this increase is putting enormous pressure on our natural resources – including the requirement for a sustainable supply of high quality and safe food. An additional challenge is the rising affluence, especially in developing countries. This directly results in an increased demand for meat and dairy products, which further intensifies the discussion on climate change.

Today, we no longer debate if the inhabitants of earth are impacting its resources, but we must rather focus on how to sustain higher living standards for an increasing world population while dealing with less natural resources and more climate change. Thus, one quickly realizes that these social, environmental and economic issues are not independent, but rather interlinked.

SOLUTION

The tool enables you to identify “low emission diets” and “low emission cycles” which have the least impact on the global warming potential, eutrophication, acidification and blue water consumption as these four are the most relevant environmental impact categories for pigs and poultry. Optimizing the nutritional and economic aspects of compound feed and feeding cycles has always been core to the added value that feed additive companies promise to deliver. However, the ecological footprint as a third dimension is needed as a broad approach towards sustainable diets and feeding cycles. AMINOFootprint® 2.1 is the tool to complete this approach.

AMINOFOOTPRINT 2.1



BENEFITS

AMINOFootprint® 2.1 is the product of more than 15 years of experience in the field of sustainability and lifecycle analysis combined with a broad and deep understanding of the role of amino acid supplementation in animal nutrition and performance. It is a distinctive tool in the feed area, which combines the visualization of the environmental impacts of feed ingredients, and transportation scenarios in one approach.

One solution, multiple benefits.

With AMINOFootprint® 2.1, Evonik Animal Nutrition customers can finally:

- Compare diets and cycles to their sustainability scoring
- Identify sustainable diets and feeding cycles with lower ecological burdens
- Raise the awareness on the impact of different feed ingredient production and transportation
- Produce feed formulations more sustainably and stay competitive