

What is the path to
ZnO-free
piglet production?

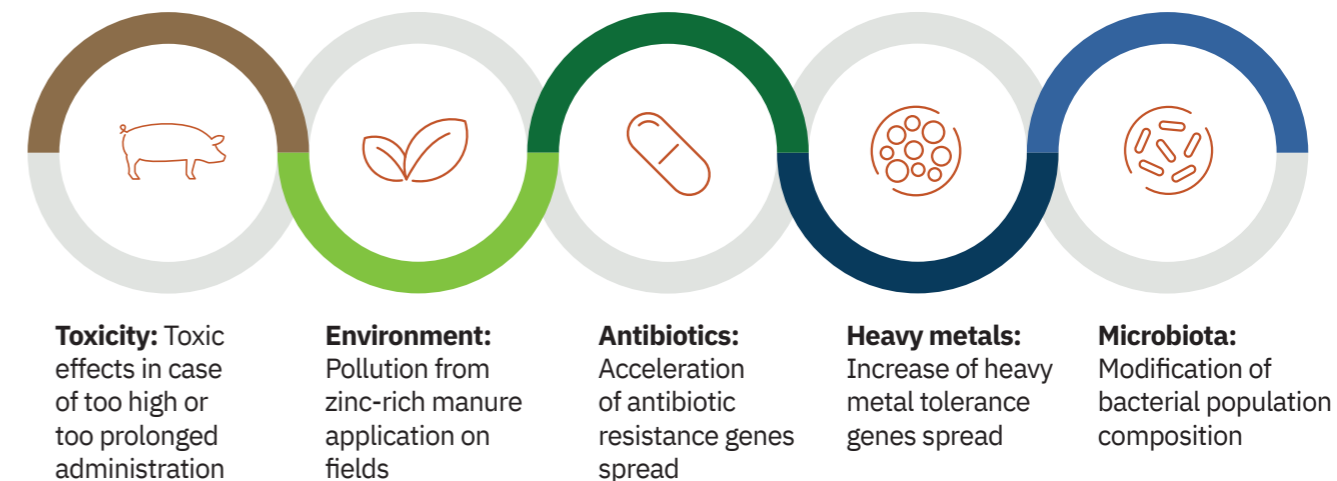
Alltech[®]



The use of zinc oxide (ZnO) as a veterinary medicinal product to prevent and control post-weaning diarrhoea in young piglets will be banned in the EU from June 2022. This trend is also expanding throughout the world.

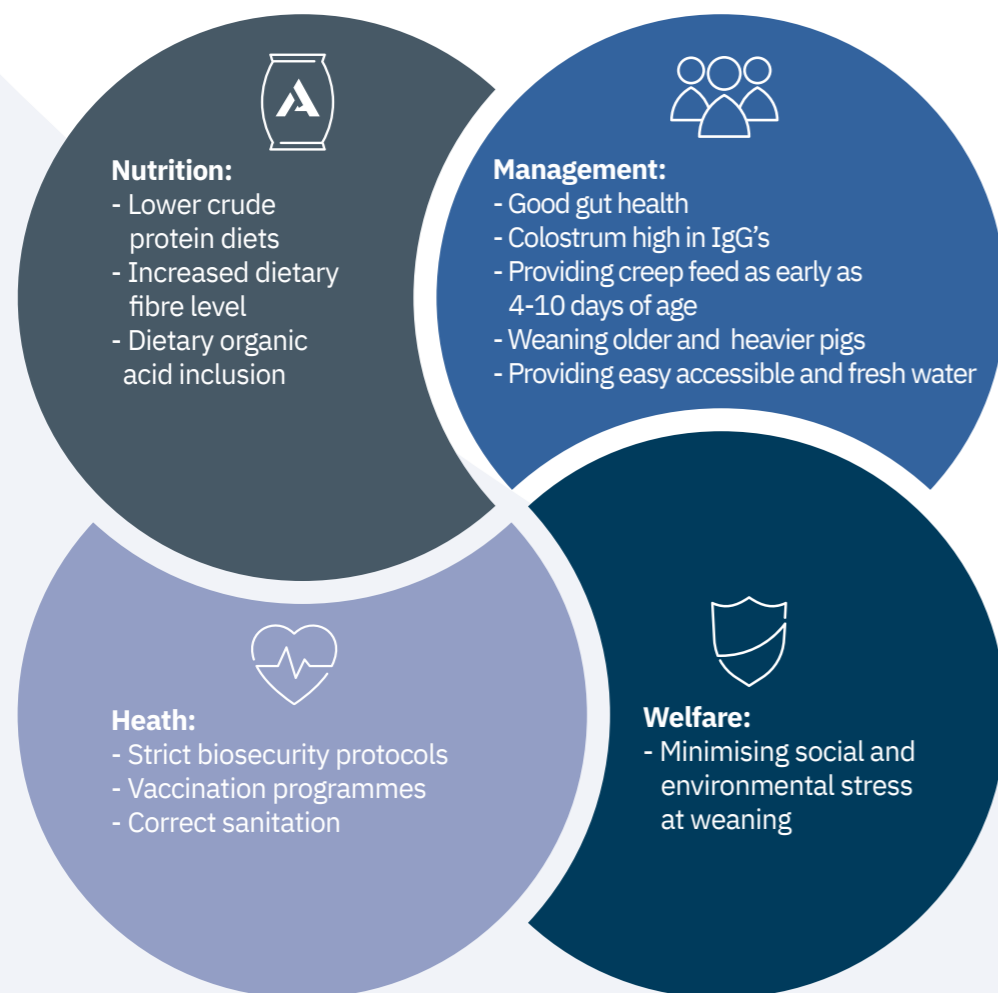
Why ban ZnO?

Prolonged utilisation of ZnO at high levels has several environmental and health concerns (e.g., zinc toxicity, soil and surface water pollution, modifications to the gut microbial population). Research also highlights that it is a risk factor for the development of antibiotic resistance.



Holistic approach

Now is the time for you to make the necessary changes to begin moving toward ZnO-free piglet production. Implementing a holistic strategy that combines optimal nutrition, management, health and welfare practices will help ensure that piglets thrive and survive in a post-ZnO era!



Management

The pathway to ZnO-free piglet production begins with a healthy gut. Establish a suitable microbial population, and you can maximise the health and performance of your piglets, as well as your profitability.

Step 1 – Establish and maintain good gut health and development in the sow: Maternal gut health is intrinsically linked to that of the piglets and will impact long-term piglet health, performance and survival. Achieving a healthy gut in sows will result in:

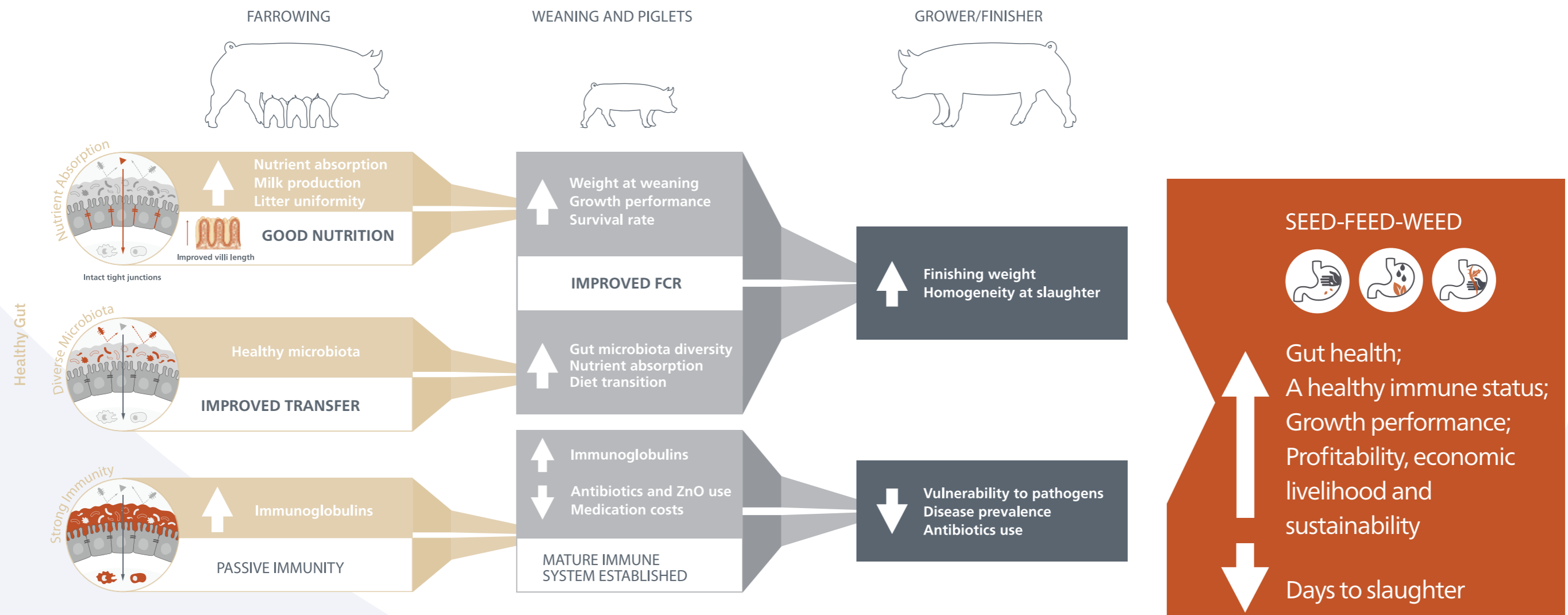
1. Maternal transfer of beneficial microbes to the developing fetuses during gestation
2. Increased passive immunity due to increased immunoglobulin levels
3. Increased milk production due to enhanced nutrient absorption

Step 2 – Support gut health in piglets as soon as possible after birth: Getting piglets off to a healthy start in life is key to maximising their lifetime growth and minimising antibiotic use. The Alltech Seed, Feed, Weed program gives piglets the best start in life by:

1. Promoting favourable microbial communities in the gut that positively impact the growth and health of pigs throughout life
2. Optimising gut structures, resulting in effective nutrient absorption
3. Supporting the immune system

The pathway to ZnO-free piglet production begins with a healthy gut by:

- Establishing and maintaining good gut health and development in the sow.
- Supporting gut health in piglets as soon as possible after birth.





<https://www.alltech.com/zno>