



## ***Choose Wisium, your partner for life***

*Wisium has a strong expertise  
in developing nutritional solutions.  
We rely on a network of 13 R&D centers  
and 7 laboratories, with dedicated teams  
world-wide and provide a tailor-made  
approach to meet local animal nutrition  
needs.*

*Our portfolio of products is based on  
innovative solutions including natural  
ingredients and plant extracts to address  
medication reduction trend.*

### **ABOUT WISIUM**

*Wisium is the international brand of the premix business of ADM/Neovia, a major global player in animal nutrition for over 60 years. Wisium offers millers, integrators and home mixers a strong and dedicated partnership with a unique focus on enhancing your quality, productivity and profitability performance. For any species, Wisium experts deliver tailor-made solutions combining high end products and added value services. Our Wisium world class team wants to share the Wisium spirit: all have the same aim of creating and achieving jointly with each client and going forward together.*

*That's the Wisium spirit! To give you the power to be one step ahead.*

**wisium**  
NUTRITION & BEYOND

[www.wisium.com](http://www.wisium.com)

# Make it simple !



**P4L**  
PARTNER FOR LIFE

[Customized demedication program]

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# [Customized demedication program]

## Constant and ongoing challenge in livestock production

Antimicrobials are used in animal nutrition for therapeutic reasons, having potential impacts on food security and public health. There is a global effort to regulate the use of medication and the animal nutrition players are looking into alternative solutions and products, for a more resilient animal production and a sustainable future.

### What is antimicrobial resistance?

"Antimicrobial Resistance (AMR) occurs when bacteria, viruses, fungi and parasites change over time and no longer respond to medicines, making infections harder to treat and increasing the risk of disease spread, severe illness and death".

(Source : World Health Organization)

## Deaths attributable to AMR every year by 2050

In 2018  
700,000 humans  
deaths from AMR

Predicted number  
of deaths in 2050

NORTH  
AMERICA  
317,000

LATIN  
AMERICA  
392,000

EUROPE  
390,000

AFRICA  
4,150,000

OCEANIA  
22,000

ASIA  
4,730,000

Source : the review of anti-microbial resistance,  
chaired by Jim O'Neill, December 2014

## Wisium is answering the global medication reduction trend

As a global player in animal nutrition, Wisium is addressing this challenge by offering a dedicated medication reduction program for each livestock species. We are partnering to support our customers in this key industry move.

## P4L PROGRAM

Wisium takes a holistic approach to answer this growing medication reduction trend. The P4L concept is based on three pillars, with a dedicated program for each animal species.



### NUTRITION STRATEGY

Nutrition is the Wisium's core business. Our technical teams have extensive knowledge of each species' nutritional requirements and provide a high level of expertise on feed and diet formulation, raw materials, and finished goods analyses.



### FARM MANAGEMENT

Wisium provides services and recommendations, including farm audits, to improve farm management and get the best return on investment without or with less medication.



### PRODUCT SOLUTIONS

Wisium is addressing each species' challenges, providing the market a complete range of products supported by associated services.



- Food safety
- Gut Health & Microbiota management
- Support sanitary challenges



- Reduction of antibiotics and Zinc Oxide at pharmaceutical dosage
- Improving performances in AGP-ban context
- Prevention of physiological challenges



- Respiratory diseases prevention
- Mastitis prevention
- Parasitism prevention