ILVO

UNIVERSITY OF COPENHAGEN

consulai

Vion FOOD GROUP

THÜNEN

INSTITUTE OF GENETICS AND ANIMAL BIOTECHNOLOGY of the Polish Academy of Sciences

Utrecht University

UAB Universitat Autònoma de Barcelona

UBITECH ubiquitous solutions

vetmeduni University of Veterinary Medicine, Vienna

Innotech

EUROGROUP FOR ANIMALS

BioSense INSTITUTE

GROSSFURTNER

nunasolutions

PLUKON food group

ITAVI L'INSTITUT DES FILIÈRES AVICOLE, CUNICOLE ET PISCICOLE

carnex

fbn

WHITE RESEARCH

INNOVACC GLÚSTER CATALÀ DE LA CARN I LA PROTEÏNA ALTERNATIVA

CLK GmbH Bildverarbeitung & Robotik

BATALLÉ

Funded by the European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Commission. Neither the European Union nor the European Commission can be held responsible for them.

Project Objectives

- Develop a catalogue of animal welfare indicators (AWI) for pigs and broilers across all production stages
- Create automated sensor systems and AI models for standardised AWI collection and assessment
- Pilot and validate aWISH tools in regional broiler and pig production chains across Europe
- Develop a feedback tool linking Best Practice Guides to real-time AW evaluation for each actor
- Assess the status and effect of AW improving strategies on operators and regions through integrated monitoring and intervention studies
- Investigate socio-economic and environmental impacts, considering needs, perceptions, and barriers of all stakeholders
- Raise awareness and maximise impact through participatory engagement with stakeholders

FOLLOW aWISH ONLINE!
Stay updated via the aWISH website and social media channels

PROJECT COORDINATION
ILVO
awish@ilvo.vlaanderen.be

aWISH

ANIMAL WELFARE INDICATORS AT THE SLAUGHTERHOUSE

Automated Animal Welfare Monitoring for Pigs & Broilers



www.awish-project.eu

AWI Catalogue

A catalogue of animal welfare indicators (AWI) for pigs and broilers to monitor welfare on-farm, during transport and at slaughterhouses.

WHAT DOES IT CONTAIN?

- List of animal welfare indicators
- Description of methodology and possible measurement technologies
- Information supporting selection and assessment of indicators

HOW IS IT ORGANISED?



PIGS



BROILERS

Three phases:

- Antemortem
- Stunning
- Postmortem

Best Practice Guides (BPGs)

Practical, science-based recommendations and advice, targeted at all stakeholders along the production chain

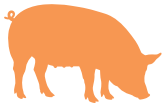
HOW ARE THEY BUILT?

- Based on animal welfare indicators (AWI)
- Focus on indicators that can be measured at slaughterhouses

WHAT MAKES THEM USEFUL?

- Structured into specific Best Practice Guides
- Cover both pigs and broilers
- Designed to lead to measurable welfare improvements

HOW IS IT ORGANISED?



PIGS

- Animal Welfare
- Animal Health
- Transport
- Slaughter



BROILERS

- Animal Welfare
- Animal Health
- Catching/Loading
- Transport & Lairage

Data Platfrom

A central digital platform to collect, manage, and analyse welfare data with strong focus on slaughterhouse-related indicators.

WHAT DOES IT DO?

- Integrates data from multiple stakeholders
- Supports evidence-based decision-making
- Transforms data into:
  - Insights
  - Visualisations
  - Benchmarks



DATA PRIVACY



TRACEABILITY



SECURE ACCESS

OUTCOMES

- Improved transparency
- Continuous welfare improvement
- Support for science and policy