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PPILOW, a European project dedicated to Welfare in Poultry and PIg Low-input outdoor and Organic production systems (2019-2024)

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PPILOW

Poultry and Pig Low-input and Organic production systems' Welfare



PPILOW, a European project dedicated to Welfare in Poultry and Pig Low-input outdoor and Organic production systems (2019-2024)

Project aim and strategy

- Aims to co-construct innovations to improve the welfare of poultry and pigs reared in organic and low-input outdoor farming systems through a multi-actor approach conducted by 23 partners from 9 EU countries.
- **Participatory approach**, involving all actors of the value chain from farmers to consumers, citizens, scientists and policy makers in 9 **National Practitioner Groups** (from France, Italy, Belgium, Netherlands, Romania, Denmark and Germany) for proposing and studying welfare improvement levers.
- **Experimental investigation of innovative techniques and on-farm test** of the most promising ones
- **Delivery of a combination of practical solutions to improve animal welfare** that can be applied on a pan-European basis with specific adjustments tailored to meet citizen's expectations and the target market.
- **PPILOW** will receive 10 M€ funding for 5 years from the Horizon H2020 Research and Innovation Programme.

Consortium and contacts:

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● Research institute
● Technical Institute
● Citizen/Practitioner Association
● SME
● University/Higher education

Main objectives and expected outcomes

- **Co-created strategies and tools for improving animal welfare**
 - Favouring positive behaviours and improving health and robustness in both poultry and pigs
 - Reducing the use of veterinary drugs through the improvement of animal robustness and resilience
 - Identifying and selecting of genotypes with relevant traits suitable for outdoor systems and with a higher survival rate
 - Identifying valuable genotypes and management techniques to limit the risk of boar taint in non-castrated male pigs
 - Limiting parasite infections through different feeding and management strategies
 - Providing welfare self-assessment tools
 - Optimizing a non-invasive in ovo-sexing technique and promoting new farming systems valorizing layer male chicks by using dual-purpose breeds



- **“One Welfare” evaluation of the proposed tools and strategies**
 - Multi-criteria analyses of the most effective strategies for evaluating impacts according to sustainability goals, with specific emphasis on animal and human welfare.
 - Creation of economic and business models for the use of the high-quality products generated from the adoption of innovative strategies.
- **Dissemination and communication activities to various actors of the food chain from farmers to consumers.**
 - Uptake of the project results by end-users by the close involvement of National Practitioner Groups throughout the EU for facilitating change.



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<https://cordis.europa.eu/project/rcn/222524/factsheet/en>

www.ppilow.eu

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