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PPILOW

What is PPILOW about?

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ClearFarm Final event
Brussels, 14th February, 2024

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 816172

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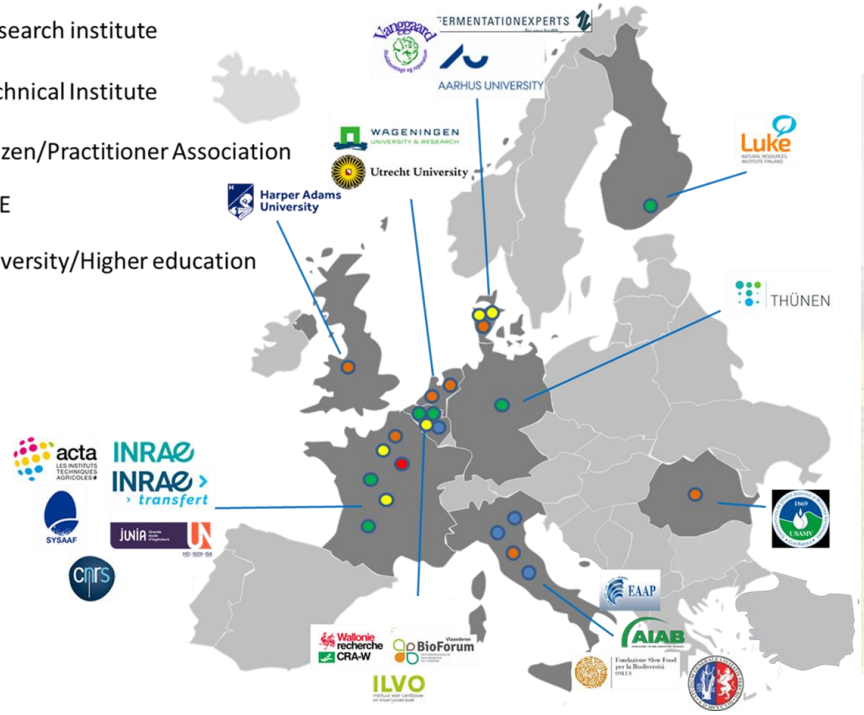
The PPILOW project

2019-2024

22 PPILOW Partners in 9 countries

9 National Practitioner Groups (NPG)

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



PPILOW Involvement of National Practitioner Groups

Innovative breeding and rearing strategies

Favouring positive behaviours, improving health and robustness

Avoiding piglet castration, beak trimming, the elimination of layer male chicks

www.ppilow.eu

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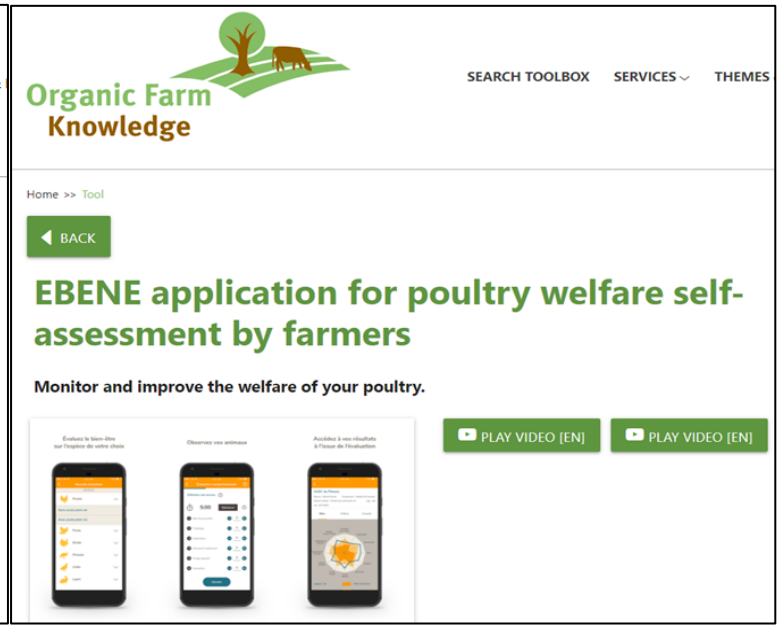
How will the project contribute to improving the assessment of farm animal welfare in the EU and the information provided to consumers?

The PPILOW contribution

PPILOW partners:
ILVO, ACTA(**ITAVI**, IFIP), UU, INRAE, AU, Thuenen, **UNIPG**, CRAW, BioForum, JUNIA

Two applications for on farm welfare self-assessment PIGLOW and EBENE®



Templates for collecting experimental and farm data and grid for multicriteria One Welfare* evaluations

Hierarchy of indicators with practitioners and civil society

SUSTAINABILITY PILLAR	ONE WELFARE DIMENSIONS
Animal Welfare (4)	Good Feeding
	Good Environment (Housing)
	Good Health
	Appropriate Behaviour
Environment (3)	Enhance biodiversity
	Reduce pollution (soil, air, water)
	Minimize external resources used
Economy (4)	Performance - quantity
	Performance - quality
	Returns
	Costs
Society (4)	Working conditions
	Job perception and motivation
	Connection with local community
	Social Acceptability

Use of the PIGLOW and EBENE welfare self-assessment applications

PIGLOW EBENE

Longitudinal study on the use of PIGLOW and EBENE apps for welfare self-assessment

*García Pinillos et al., Vet Rec, 2016 doi: 10.1136/vr.i5470

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The PPILOW contribution

Characterization of range use by slow-growing broiler strains with RFID

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Synthetic indicators from continuous and individual position data within a flock
Heritability from a pedigree flock to identify useful indicators of range use for breeding

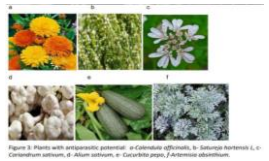
Improved range use in accordance with the expectations of practitioners and consumers

Contribution to the improvement of pig welfare

- Strategies to prevent undesired behaviours in non-castrated male pigs and to avoid boar-taint in the end-product

Genetics and enrichment

- Plants with antiparasitic and antibacterial potentials



- Improvement of piglet survival and sow welfare in organic farms by genetic selection and the co-design of farrowing huts with practitioners

Danish PPILOW partner firm Vanggård
Staldmontage (© Vanggård)

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PPILOW PARTNERS

AARHUS UNIVERSITY · acta LES INSTITUTS TECHNIQUES AGRICOLES · AIAB · Vlaanderen BioForum · cnrs · EAAP · FERMENTATIONEXPERTS for your health

Fondazione Slow Food per la Biodiversità ONLUS · Harper Adams University · ILVO Instituut voor Landbouw- en Visserijonderzoek · INRAE · INRAE transfert · Luke Natural Resources Institute Finland · SYSAAF

THÜNEN · 1869 USAMV · Utrecht University · Vanggaard Staldsontage og reparation · WAGENINGEN University & Research · Wallonie recherche CRA-W · JUNIA Grande école d'ingénieurs

Thanks for your attention!

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