



One Welfare for farm animals and humans: practitioners' and citizens' expectations

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and PPILOW project collaborators

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Garcia Pinillos et al.,
2015, 2016

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by RG. Pinillos, M. Appleby, X. Manteca, F. Scott-Park, C. Smith and A. Velarde. 2016.
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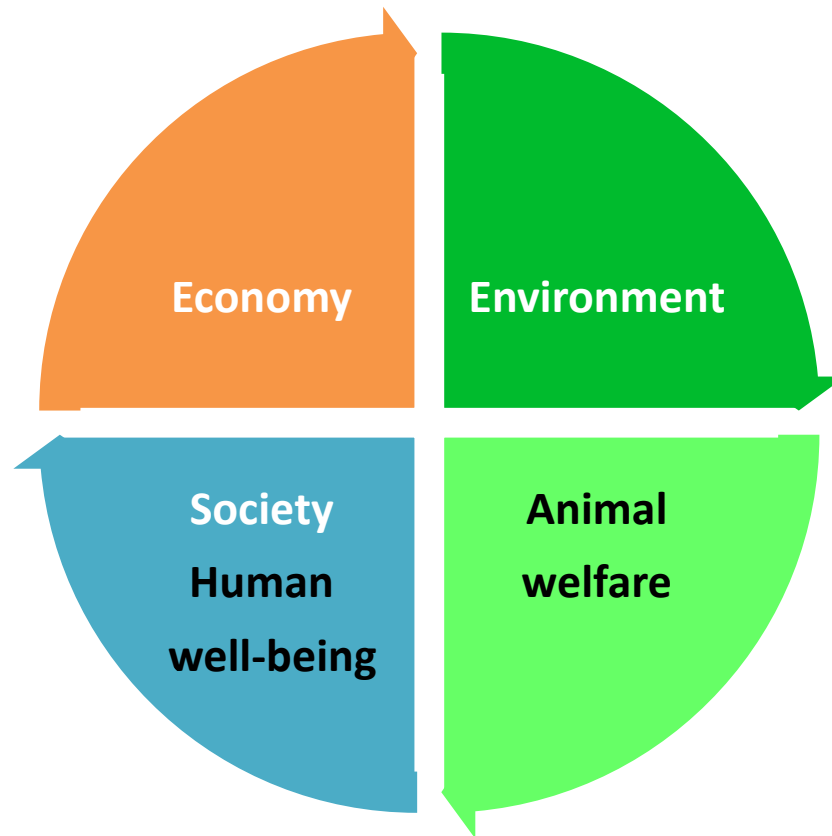
<https://www.onewelfareworld.org/>

For livestock farms

The One welfare concept embraces the goals of sustainability with emphasizing impacts of rearing practices on animal welfare and human well being



One Welfare perspective



Why is it important to consider One Welfare in organic farming systems?

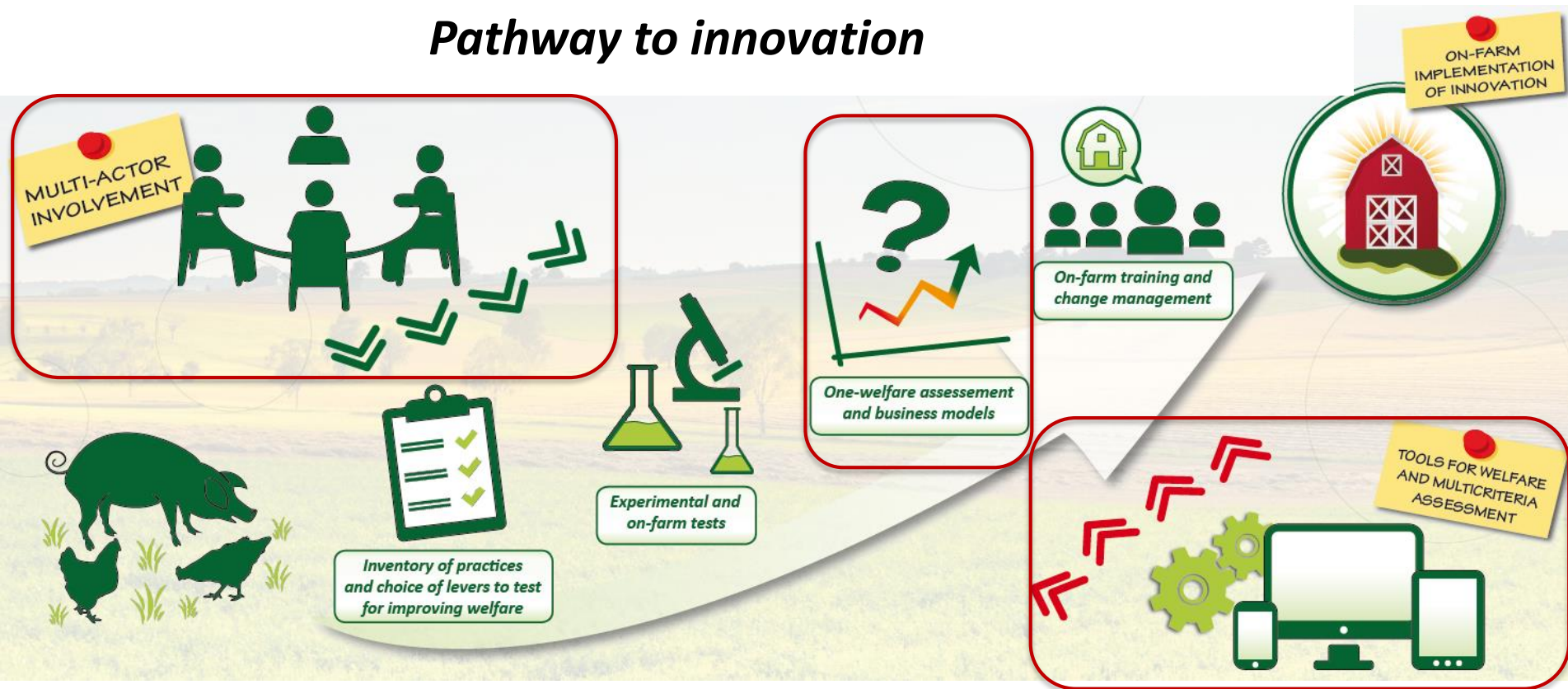


- Quality of the rearing system and of the products
- Diversity of practices throughout Europe
- Still a need to improve animal welfare and limit mortality, in relation to outdoor access challenging the animals, ethical issues, the wish of practitioners and societal expectations

Evaluate the welfare-improving practices by taking into account environmental, economic and social impacts including *human well-being (practitioners, consumers, citizens)*

How are we applying the One Welfare concept in PPILOW?

Pathway to innovation



‘One Welfare’ assessment of the welfare-improving innovations tested in PPILOW

Involvement of PPILOW partners and National Practitioner groups in the building of muticriteria assessments

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

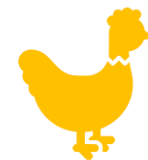
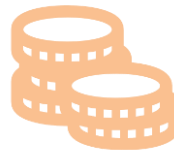
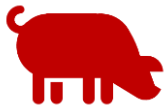
*Use of the
PIGLOW and
EBENE welfare
self-assessment
applications*



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What do practitioners and citizens expect from animal welfare in organic production?



Eliciting the views of European pig and poultry experts and citizens

- N=44 key informant interviews in 4 countries (11 × FR, FI, IT, UK)
- N=25 online focus group discussion (5 × UK, FI, RO, IT, FR/BE)
 - Pig, egg and chicken producers
 - Consumers of eggs and meat



Figure: Tumisu/Pixabay

Eliciting the views of European pig and poultry experts and citizens

- Multiple stakeholders play a key role in ensuring animal welfare
 - Farmers, consumers and veterinarians
 - Organic production: farmer-centric and requires skills
- The concept of One Welfare is recognised, but needs clarification
“Happy animals = happy farmer = happy customer”
- Organic regulations are considered strict
- Harmonisation of policies needed
- Biosecurity – parasites and disease risk
- Climatic challenges, especially on the range
- Range access and management, including enrichments, vegetation, predator control
- Feeding & amino acids – a major challenge!



Some opinions raised by pig producers and experts

- Biosecurity
 - Parasites
 - Disease risk outdoors
- Range condition and management
- Piglet mortality
- Castration is an issue of mixed importance
 - Rearing entire males?
 - Immunocastration?
- Nose rings
- Welfare assessment – Future, but has some challenges



Topics mentioned by chicken and egg producers and experts

- Cost of production!
 - Environmental parameters: Humidity, temperature, ventilation
 - Control of feather pecking: diet, stocking density and environmental stress
 - Beak trimming is not advocated
 - Small organic sector is limiting support services
-
- Thermal comfort
 - Cannibalism, feather pecking and bone fractures
 - Killing one-day-old chicks is an *ethical* issue
- ➔ Dual-purpose breeds and in-ovo sexing?



Eggs

- Freshness, price, quality and local produce
- Concerns about farmer welfare – investments and profitability
- Stocking density, disease control and predation

Meat

- Country of origin or local produce → Trust towards the products
- Quality and appearance (e.g. colour, leanness, fat content), price-quality combination

Views of citizens on organic farming

- Organic production is **very well known** among consumers, substantially better than other *alternative forms* of production
- Most consumers have very limited knowledge on welfare & quality assurance schemes or eggs and meat
- “Organic production provides the animals a better quality of life”
- Consumers appreciate the possibility of animals to express natural behaviors and consider that organic production facilitates a better and more interactive farmer-animal relationship
- Using the **One Welfare** concept to evaluate the welfare-improving innovations allows to considering the diverse views of practitioners and consumers



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Thank you for your attention