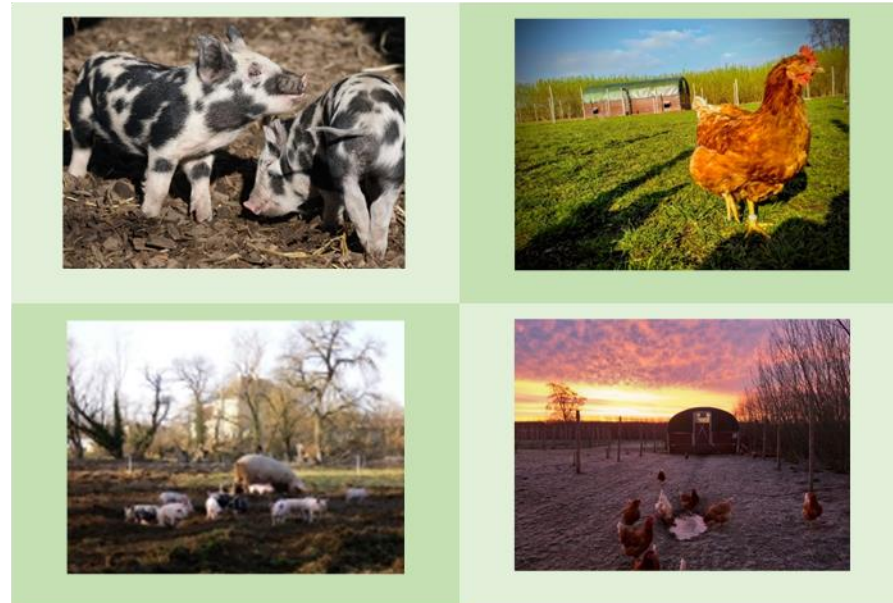


PPILOW

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



Photos: MEJRET M., STADIG L., TUYTTENS F.

Overview of the project
Anne Collin, Coordinator
BOA, INRA, Université de Tours, France



Challenge

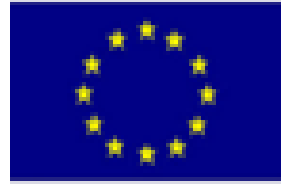
Low-input outdoor and/or organic farming

- Quality of the rearing system and of the products
- A diversity a practices throughout Europe, especially for organic systems
- There is still a need to improve animal welfare and limit mortality in these systems, partly in relation to outdoor access challenging the animals, the determination of practitioners and societal expectations



Programme H2020-EU.3.2.1.1.: Increasing production efficiency and coping with climate change, while ensuring sustainability and resilience

SFS-08-2018: Improving Animal Welfare



Scope: A. [2018] Organic and low-input farming (RIA), 10 M€, Multi-actor project

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

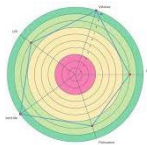
September 2019 – August 2024 (*grant agreement #816172*)

The PPILOW project aims to co-create through a multi-actor approach innovations to improve the welfare of poultry and pigs reared in organic and low-input outdoor farming systems

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



Goals of the PPILOW project



- Identify existing bottlenecks to welfare and levers for improvement in organic and low-input outdoor poultry and pigs rearing systems
- Co-create with end-users innovative breeding and rearing strategies/techniques for avoiding piglet castration and haying hen beak trimming, the elimination of one day-old layer male chicks, favouring positive behaviours, and improving health and adaptive capacities in pigs and poultry
- Build, test, share and adopt self-assessment tools that allow trained farmers and technicians to monitor the animal welfare on-farm
- Test experimentally and on-farm the potential of the identified innovations through the participatory involvement of practitioners, technicians and scientists
- Realise multi-criteria analyses of the most promising breeding and rearing strategies to evaluate their economic, social and environmental impacts and build associated business models
- Ensure the uptake of the project results by end-users by appropriate dissemination activities and the close involvement of National Practitioner Groups (NPGs) to facilitate change

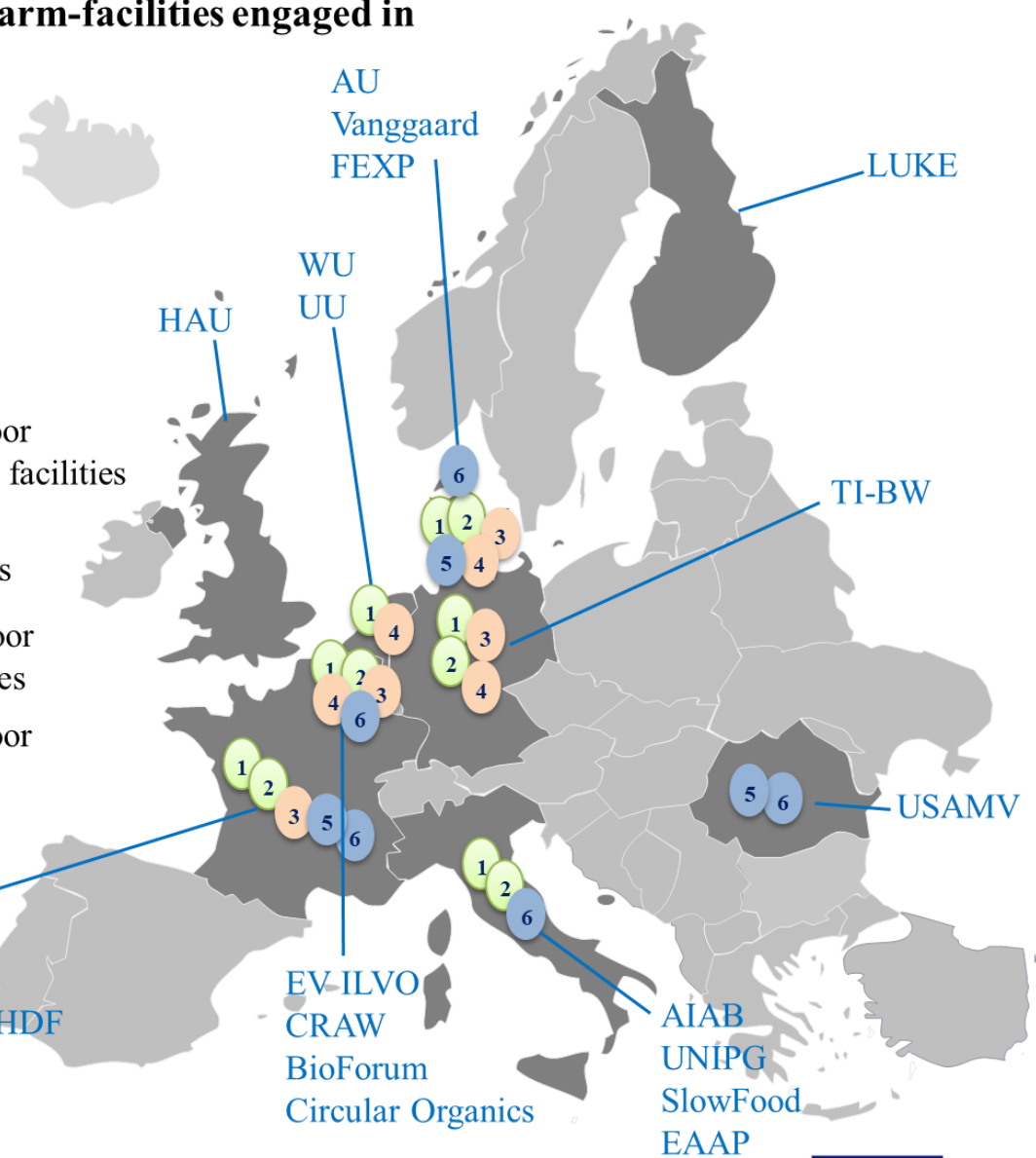


The PPILOW consortium gathers 23 partners from 9 countries



Experimental and on farm-facilities engaged in PPILOW

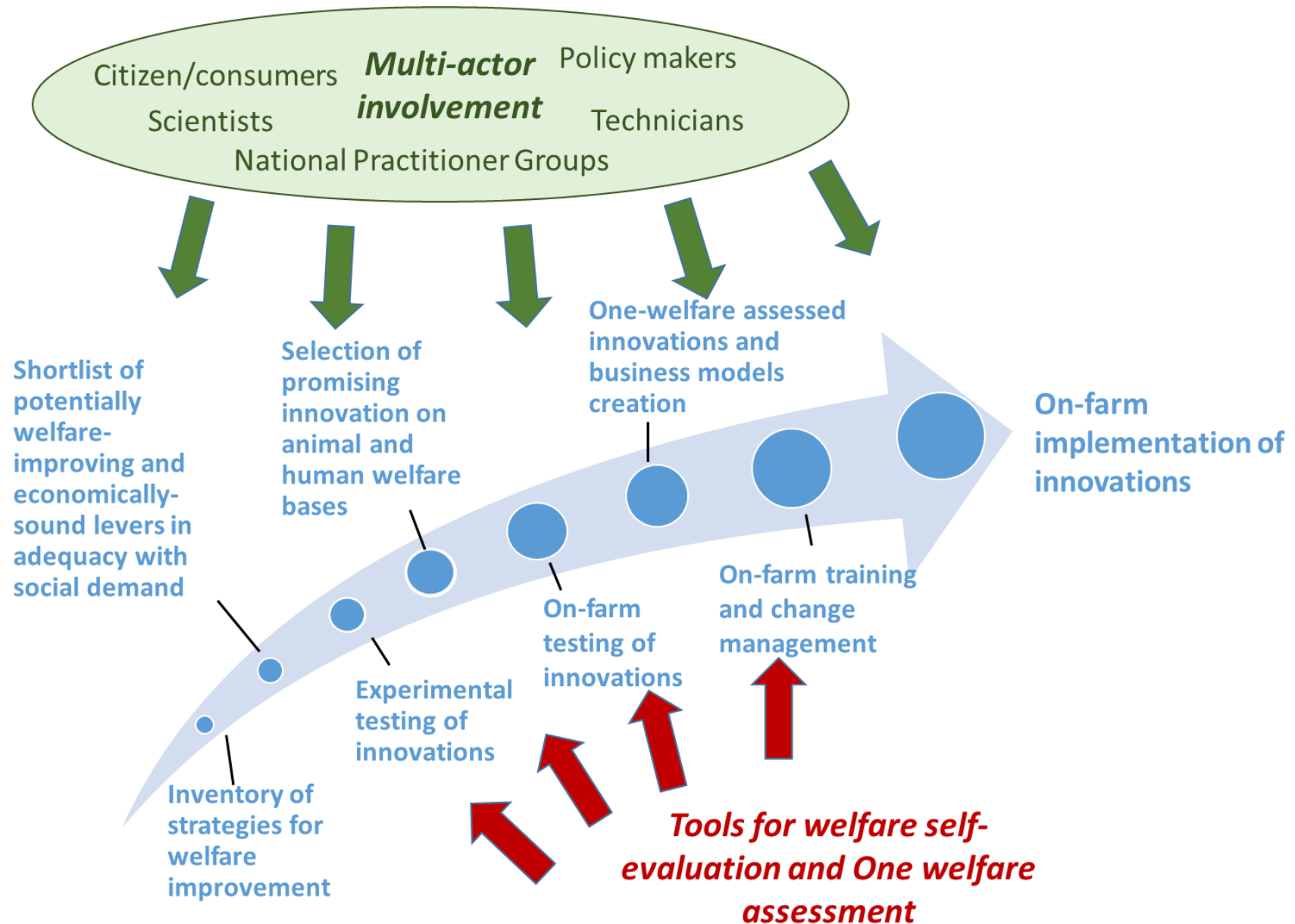
- 1 Organic/low input outdoor broiler experimental facilities
- 2 Organic/low input outdoor broiler farms
- 3 Organic/low input outdoor laying hen experimental facilities
- 4 Organic/low input outdoor laying hen farms
- 5 Organic/low input outdoor pig experimental facilities
- 6 Organic/low input outdoor pig farms



PPILOW Kick-off meeting, 4th – 6th September 2019, Paris, France



Pathway to innovation



Expected impacts of the PPILOW project

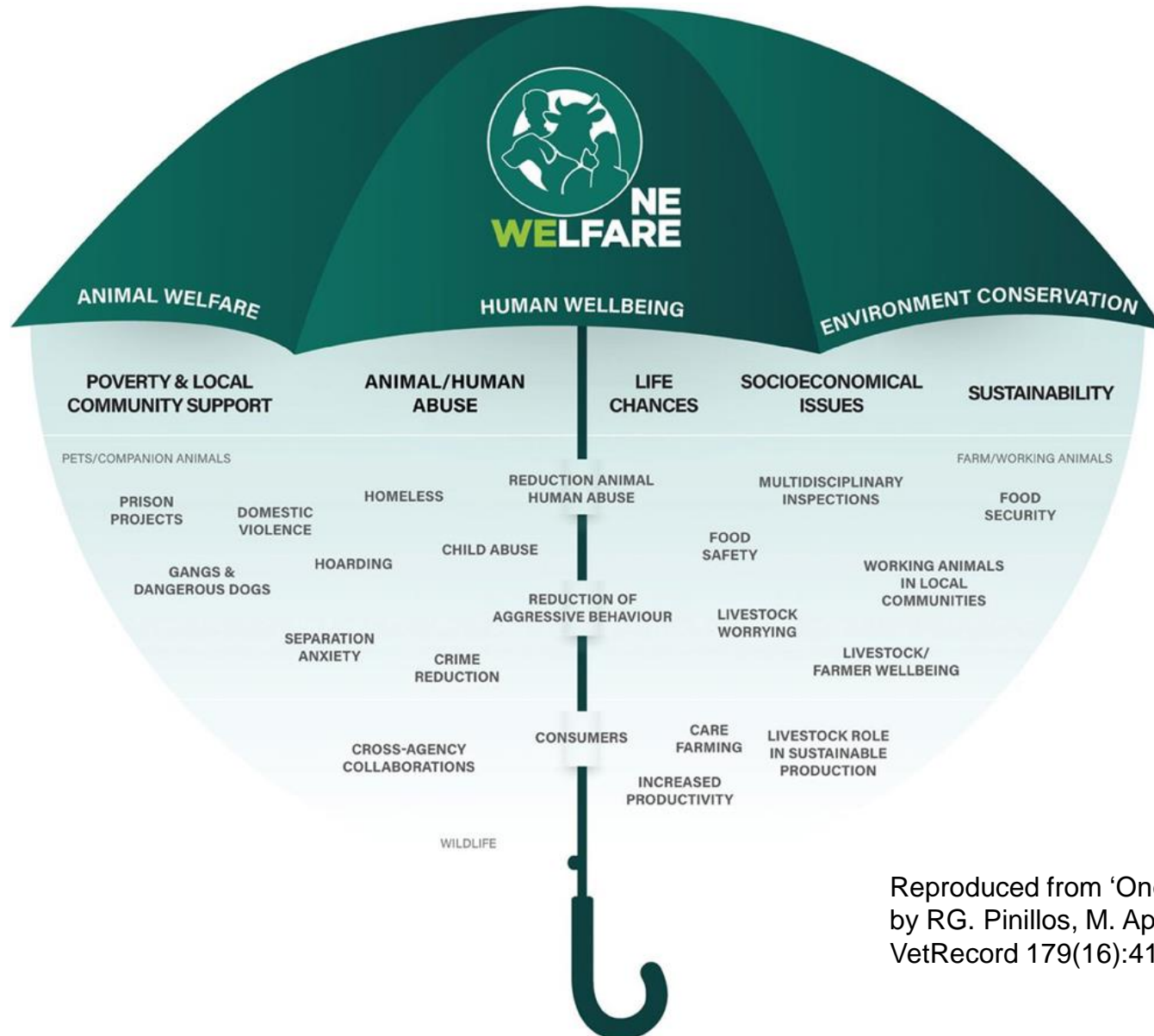
PPILOW will cocreate with end-users (National Practitioner Groups) welfare self-assessment tools and innovative breeding and rearing strategies and techniques for improving animal and human welfare based on robust scientific sets of data by:

- avoiding piglet castration and beak trimming and the elimination of one day-old layer male chicks,
- favouring positive behaviours and improving health and robustness in both species

The feasibility of the proposed approaches and their impacts according to the 'One welfare concept' will be evaluated and change of practices will be facilitated



One welfare concept



One Welfare concept (Pinillos et al., 2015, 2016)

Reproduced from 'One Welfare – a platform for improving human and animal welfare' by RG. Pinillos, M. Appleby, X. Manteca, F. Scott-Park, C. Smith and A. Velarde. 2016. VetRecord 179(16):412, copyright notice 2019, with permission from BMJ Publishing Group Ltd.



