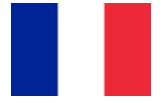




Living Lab in the French Pig and Poultry sector



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Pig and Poultry sector

Pig and poultry

The French pig and poultry Living Lab (LL) consisted of a new group of 9 stakeholders of 9 different organizations (vets, technical institutes for pig and poultry farming, interbranch organizations of pig and poultry industry, Ministry of Agriculture). Indicators to improve measuring AMU together with animal health and welfare at farm level were identified as necessary, which resulted into the initiation of an 'action' in an 'Action Lab' to evaluate the efficacy of the indicators that were considered as most important in the LL. The LL was initiated in January 2021 and the process is still ongoing. Prior to the LL meetings, semi-structured interviews have been conducted with each participant to explain the method of the LL and the project. So far, 4 LL meetings have taken place.

The strategy tested in the Living Lab

Pork and poultry consumption choices by consumers do not systematically take into account the use of antimicrobials. Meanwhile, field actors lack data or make heterogeneous use of monitoring indicators of health, welfare and antimicrobial use on animals, which should allow them to tailor their practices in terms of treatment choices and farm management.

In the Action Lab on indicators (from February 2023) researchers, veterinarians and farmers will collaborate to identify and validate indicators useful to monitor minimal AMU while maintaining animal health and welfare.

The roadmap to implementation

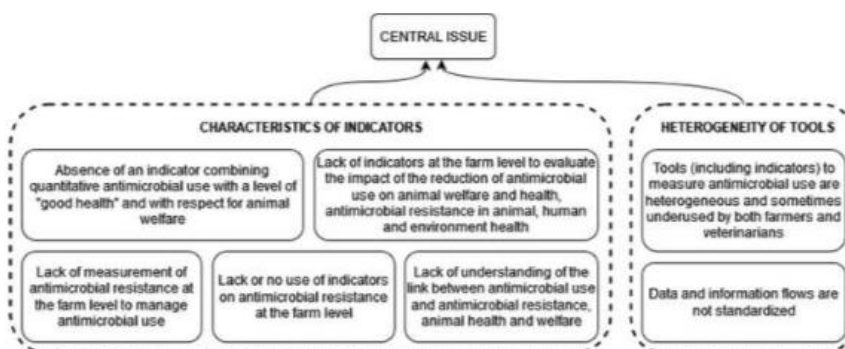
The **Impress *ex ante*** method was used to facilitate the LL. The steps were the following :

- Initial assessment
- Vision of the future
- **Central issue and problem tree**
 - **Problem tree** displaying the five main categories of lock-in mechanisms which result in the central issue regarding better use of antimicrobials and impede the vision of the future to be reached according to participants
- Ecosystem and scope of the intervention
- Typology of actors
- Outcomes mapping



The impact created by the Living Lab

AMU and Animal Health: A new group of stakeholders was established that successfully collaborated to apply the *Impress ex ante* method to the AMU topic. They shared a common vision of the future and decided to further collaborate to initiate concrete actions through “actions labs”. The first action lab (to be started in February 2023) will deal with combined indicators of AMU, health and welfare.



Challenges

- To get stakeholders involved in the Action Lab related to indicators
- To be able to (i) produce a set of indicators in the coming months (Action Lab) then (ii) initiate a field study in pig farms for their validation

Successes

- Successful definition of a shared long-term vision of the future
- Identification of lock-in mechanisms
- Efficacy of *Impress ex ante* method

The LL approach proved efficient to gather stakeholders involved in AMU in pig and poultry sector and initiated a long-term collaboration between actors on this topic.

www.roadmap-h2020.eu



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