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## A participatory approach towards prudent use of antimicrobials in pig and poultry sectors in France

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# A participatory approach towards prudent use of antimicrobials in pig and poultry sectors in France



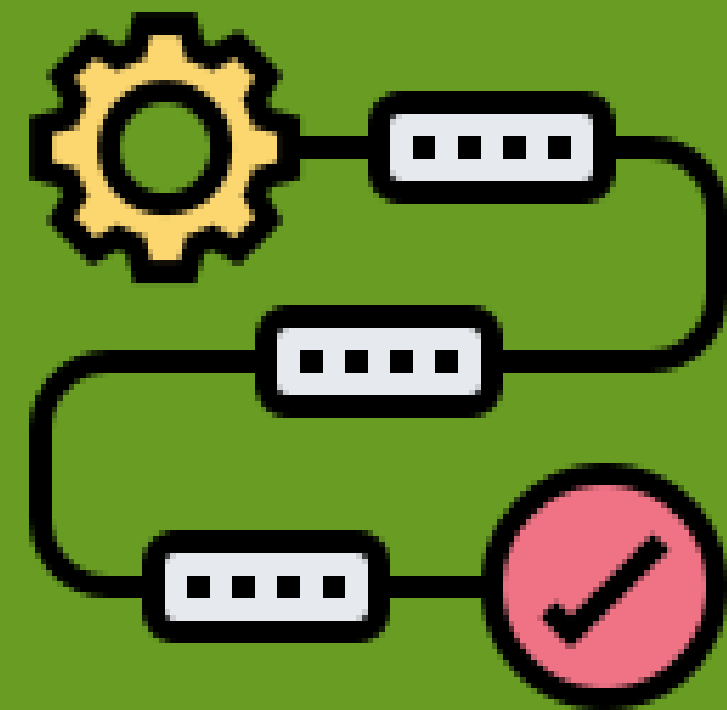
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## Impress ex ante method

Individual semi-structured interviews and 5 workshops to build:

- Initial assessment
- Vision of the future
- Central issue and problem tree
- Typology of actors
- Outcomes mapping



## 9 Participants

- 2 vets specialized in pig and poultry sector
- 2 vets : chamber of vet surgeons and National Union
- Technical institutes for pork and poultry farming
- Inter-branch organizations of pig and poultry industry
- Ministry of Agriculture



## Vision of the future



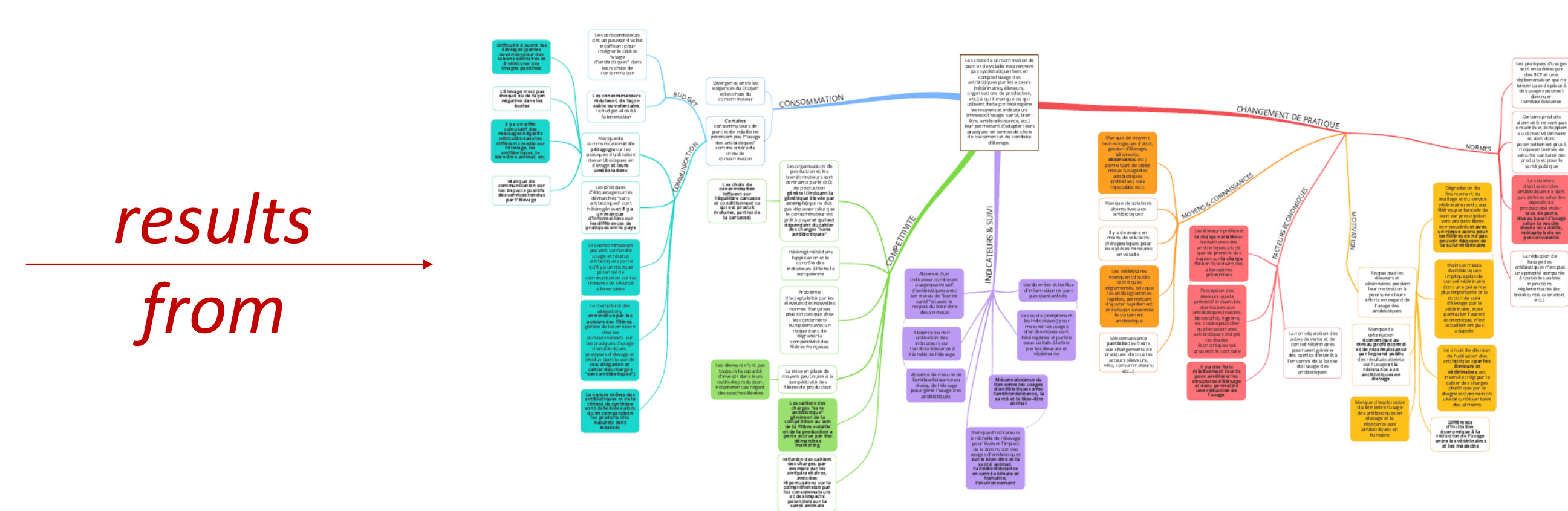
*"In 2031, in France, the proper use of antimicrobials in the poultry and pork industries focuses on "better" and not just "less" antimicrobial use, this is applied in all farms and accepted by actors involved in the use of antimicrobials (veterinarians, farmers, production organizations, pharmaceutical industries, purchasing centers, etc.) and by those involved in the use of animal products (slaughterhouses, retail, catering, consumers, etc.). Antimicrobial use, monitored by appropriate indicators, makes it possible to preserve the therapeutic arsenal while guaranteeing, on the one hand, the health and welfare of farm animals, and on the other, the economic sustainability of the pig and poultry industries and those of the veterinary network in the country."*

## Central issue



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.

## Problem tree



results from

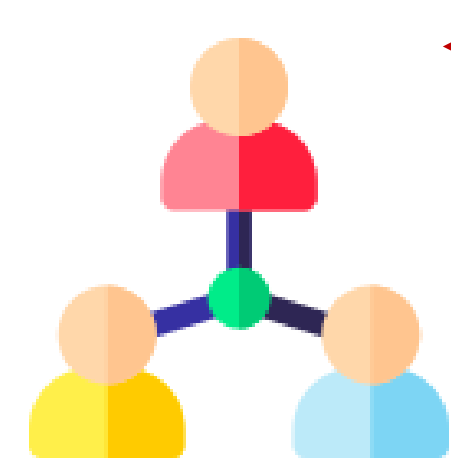
48 problems grouped in 5 categories

## Typology of actors and outcomes mapping

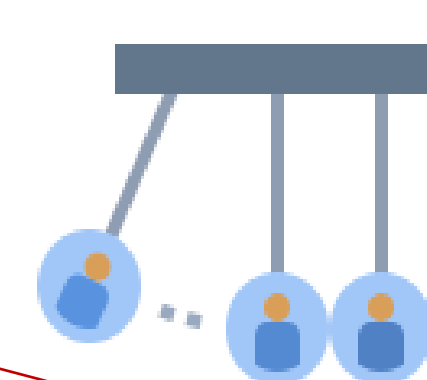
Who needs to do what differently?



Most pressing & most easily addressed problem



Impact contribution



- Decreased antimicrobial use and resistance
- Improved animal health and welfare
- Stronger resilience of animal farming

Indicators and monitoring tools at the farm level

Economic aspects and competitiveness of farms

Knowledge, technological means and norms

Veterinary practice and their motivation

Citizens' demands and consumers' choices

**Conclusion :** participatory approaches are efficient at building plausible and acceptable transition pathways towards improved antimicrobial use

