

Partners

Universities



Research institutes



Industry and Associations

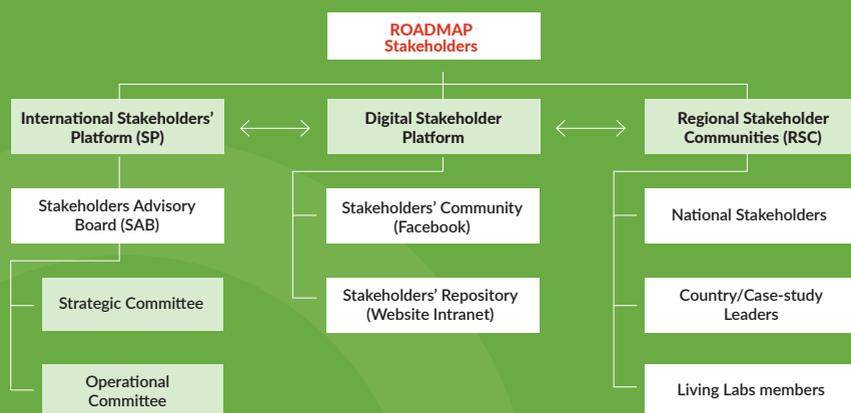


Rethinking of Antimicrobial Decision-systems in the Management of Animal Production

Stakeholders

ROADMAP is a multi-actor approach project where stakeholders have been involved since the project set-up as the end-users of the results. The ROADMAP stakeholders are grouped in 2 categories as International Stakeholders' Platform (SP) and Regional Stakeholder Communities (RSC).

The ROADMAP consortium is working together with the stakeholders to guide the participatory research and ensure that ROADMAP outputs are applicable. More information about the stakeholders is available on ROADMAP's website.



Are you interested in the ROADMAP project?

Follow the project results, news and events at: <https://www.roadmap-h2020.eu/> and on https://twitter.com/ROADMAP_H2020 Are you a stakeholder and do you want to know more about the ROADMAP project? Please join the Stakeholders' Community on our website!



Please send all your inquiries to roadmap.communication@gmail.com



The ROADMAP project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 817626. This publication reflects the views only of the author, and the European Union cannot be held responsible for any use which may be made of the information contained therein.



ROADMAP at a glance

Project Coordinator: Nicolas Fortané (INRAE)
Project Manager: Floriana Pondichie (INRAE Transfert)

17 partners: 5 Universities, 6 Research Institutes and 6 Industry Partners & Associations.
 Partners from 9 European countries: Belgium, Denmark, France, Italy, Spain, Sweden, Switzerland, The Netherlands, UK, Belgium, Denmark, France, Italy, Spain, Sweden, Switzerland, The Netherlands, UK

Budget: € 6,052,835
Duration: 1 June 2019 – 31 May 2023

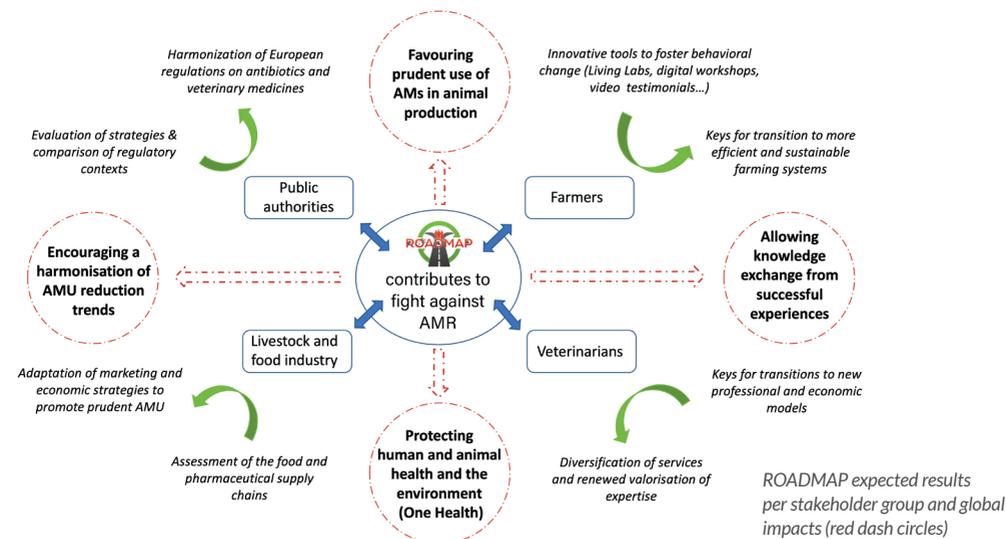
The European project ROADMAP “Rethinking of Antimicrobial Decision-systems in the Management of Animal Production” promotes transitions for a prudent and responsible antimicrobial use (AMU) in livestock farming. ROADMAP analyses the socio-economic drivers of AMU, develops tailored strategies for change and proposes transition and impact scenarios in diverse farm animal production systems in Europe and low- and middle-income countries. This change will be achieved through an improvement of antimicrobial decision-systems all along the food and drug supply chains.

The composition of the ROADMAP consortium makes it possible to build an interdisciplinary framework that combines different perspectives on AMU from social sciences, economics and animal and veterinary sciences.

Why?

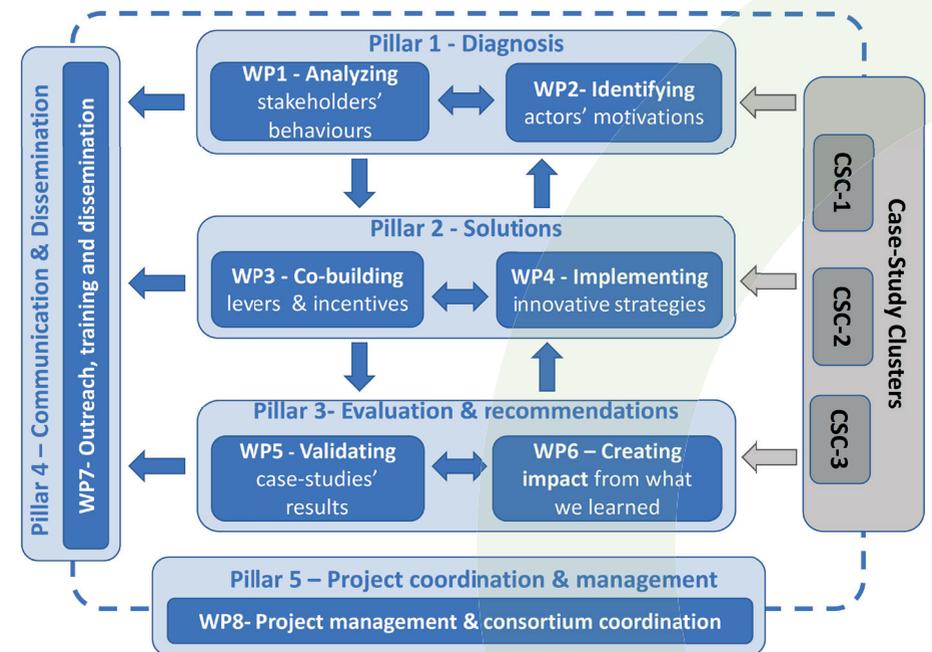
According to many stakeholders, overuse and improper use of antimicrobials contribute to the emergence and spread of antimicrobial resistance (AMR), causing a significant threat to global public health and food security. Although human and animal health require antimicrobials, it has been estimated that two thirds of the future AMU growth worldwide will be in animal production. Improving the management of AMU in farm animals is therefore a critical component of dealing with

AMR and optimizing production in the livestock sector. However, antimicrobial use prescription and distribution strongly varies according to national and local contexts, production systems or sectors. Therefore, there isn't one common solution to promote transitions towards prudent AMU. In order to homogenise AMU reduction trends across Europe, ROADMAP will clearly identify the different factors that explain these variations and offer solutions to work on them.



How?

- Using social sciences and economics to analyse the structure of the food and drug supply chains, as well as the practices, knowledge and behaviours of farmers, veterinarians and other professionals involved in managing the health of farmed animals
- Designing action-research living-labs with animal health professionals and stakeholders in order to co-construct and test strategies to promote appropriate AMU
- Assessing the strategies implemented and identifying the most efficient pathways towards prudent AMU
- Ensuring effective outreach of the project towards a large community of stakeholders and end-users, and facilitating the exchange of information and knowledge
- All these activities will be carried out in case-studies that will take place in 10 different countries (Sweden, Denmark, Netherlands, Belgium, UK, France, Switzerland, Italy, Vietnam, Mozambique) and 4 production sectors (pig, poultry, dairy and beef).



Impact

ROADMAP's results will offer options for efficient, context-adapted and socially acceptable innovations that a large community of stakeholders and animal health professionals will be able to adopt and convert to large-scale market opportunities.