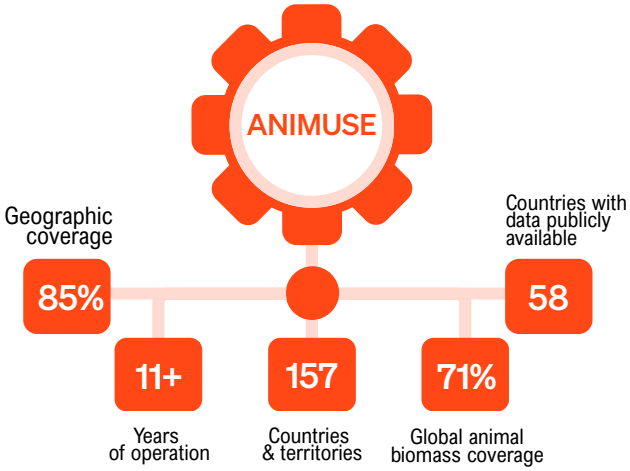
Strengthening Integrated Surveillance For Evidence Based Actions in Animal Health

Antimicrobial resistance (AMR) is driven in part by the use of antimicrobials in humans, animals, plants and the environment. Yet in many countries, the animal health dimension of surveillance remains incomplete, limiting the ability of policymakers to fully understand risks and design effective stewardship policies. Without reliable data on how antimicrobials are used in animals, governments cannot assess trends, evaluate the impact of interventions or align policies across sectors under a One Health approach.

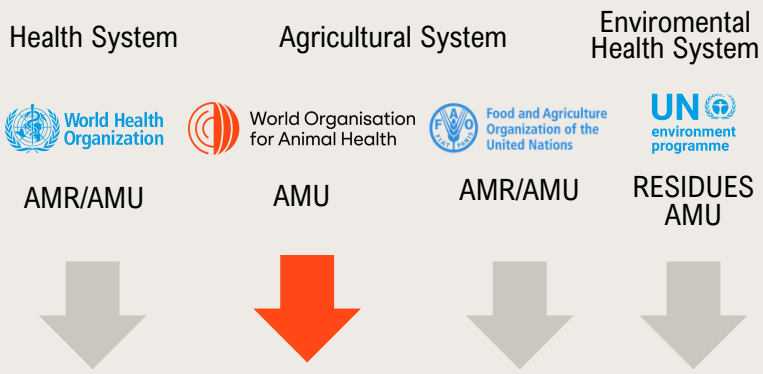
Foundations in place

WOAH ANIMUSE (ANImal antiMicrobial USE global database) is the world's leading system for collecting, analysing and reporting data on the use of antimicrobials in animals. Offering analytical methodologies and reporting tools, including data dashboards, auto-generated policymaker factsheets and support to national AMU report drafting. Operational since 2015 under WOAH's AMR Strategy, it provides standardised, science-based evidence for national policymaking and international AMR governance and a recognised model for transparency and progress tracking in global animal health and One Health efforts.



Towards Integrated One Health Surveillance: The GISSA Roadmap

Tackling AMR requires data that spans across sectors. WOAH's ANIMUSE is central to delivering a fully interoperable One Health intelligence system in active collaboration with FAO, UNEP and WHO: connecting animal, human, plant and environmental surveillance streams through the Global Integrated Surveillance Strategy (GISSA).



Global Integrated Surveillance for AMR & AMU

Phase	Status	Key milestone
Stage 0 – Initial Development (2020–2024)	Completed	Set foundations for a unified global surveillance system
Stage 1 – GISSA Consolidation (2025–2027)	In Progress	A single integrated platform connecting all sectors made publicly accessible. Quadripartite guidance on One Health integrated AMR & AMU surveillance published
Stage 2 – GISSA Expansion (2028–2030)	Upcoming	Empowering countries through direct access to their national AMR & AMU data for policy action

Contacts to Learn More

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