

3-DAY INTERNATIONAL  
ONLINE WORKSHOP

# UPDATING THE GLOBAL ACTION PLAN ON ANTIMICROBIAL RESISTANCE (AMR)

A Southern Perspective



Towards sustainable food-  
animal production systems  
to prevent AMR, zoonoses  
and climate change

Framing presentation

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CSE

## Two part of the framing ppt.



### Part 1:

**Overview of Zero Draft for Consultations: Global Action Plan on AMR 2nd Edition – *Version Sept 05, 2025***

### Part 2:

**Framing discussion for the session: Towards sustainable food-animal production systems to prevent AMR, zoonoses and climate change**

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# Zero Draft: Global Action Plan on AMR 2<sup>nd</sup> Edition (Version Sept 05, 2025)



## Road to the Zero Draft

**2024:** Roadmap to update GAP-AMR developed by QJS-AMR Core Group

**Nov 2024:** Roadmap presented at 4<sup>th</sup> High-Level Ministerial Conference on AMR in Jeddah

**May 1-June 8, 2025:** Online consultation to ensure transparency and broad initial input

**May/June-Aug 2025:** QJS organized information sessions with GLG-AMR, AMR-MSPP; Technical review of updated GAP-AMR by Quadripartite organizations

**Sep 5, 2025:** Zero draft published for public consultation

## Next steps (Proposed/planned)

**Sep 2025:** Global multi-stakeholder discussions on zero draft via the MSPP, facilitated by the QJS

**Aug-Sep 2025:** Regional Member States consultations organized by Quadripartite organizations

**Oct 2025:** Global Member State consultation

Incorporation of final Member State inputs to finalize updated GAP-AMR by Quadripartite Core Group

**Nov 3, 2025:** Submission to WHO Governing Bodies

**May 2026:** Adoption of GAP-AMR 2.0 at 79<sup>th</sup> WHA; subsequent adoption by other Quadripartite organizations

GLG: Global Leaders Group; MSPP: Multistakeholder Partnership Platform; QJS: Quadripartite Joint Secretariat; WHA: World Health Assembly

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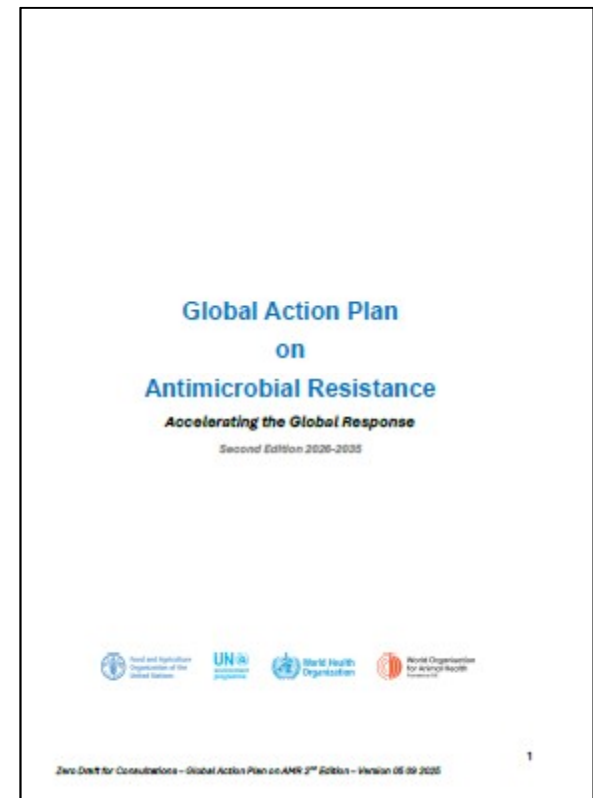
## UPDATING THE GLOBAL ACTION PLAN ON ANTIMICROBIAL RESISTANCE (AMR): A SOUTHERN PERSPECTIVE



## Strategic focus for accelerated response | reflect the 'need of the hour'



- Strengthen **One Health** governance and accountability
- Address the role of the **environment** in development, transmission and spread of AMR
- Ensure equitable **access** to and **reduce the need for antimicrobials**
- Scale up high-impact **preventative** interventions
- Strengthen surveillance, laboratory networks and research
- Invest in **sustainable systems transformation** and **resilience**



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## Strategic objectives | revised 5 and added 1 | reflect the ‘learnings’



### GAP-AMR 2015

- 1: Improve awareness and understanding of antimicrobial resistance through effective communication, education and training
- 2: Strengthen the knowledge and evidence base through surveillance and research
- 3: Reduce the incidence of infection through effective sanitation, hygiene and infection prevention measures
- 4: Optimize the use of antimicrobial medicines in human and animal health
- 5: Develop the economic case for sustainable investment that takes account of the needs of all countries, and increase investment in new medicines, diagnostic tools, vaccines and other interventions



### Zero Draft

- 1: Strengthen awareness and promote appropriate **social and behaviour change** to reduce AMR risks across all sectors
- 2: Strengthen surveillance systems and **diagnostic networks** to inform effective, evidence-driven AMR policies and actions across **all sectors**
- 3: Intensify infection prevention across **all sectors** to reduce the burden of infectious diseases and the need for antimicrobials.
- 4: Ensure **equitable access**, appropriate use and disposal of antimicrobials and health products across **all sectors**.
- 5: Ensure **sustainable investment** in AMR research and innovation across **all sectors**
- 6: Strengthen **multisectoral governance, sustainable financing, and accountability** for a coordinated AMR response across all sectors and at all levels.

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## Strategic objective 1: Strengthen awareness and promote appropriate social and behaviour change to reduce AMR risks across all sectors



### Key elements

- Reducing AMR risks ....**beyond awareness-raising**
- All relevant stakeholders
- Education and training
- Tracking behaviour change



### Key result areas

- Increased awareness and understanding of AMR among key stakeholder groups across **all sectors**
- Demonstrable **behaviour changes** in **reducing the need for and inappropriate use of antimicrobials** across sectors

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## Strategic objective 2: Strengthen surveillance systems and diagnostic networks to inform effective, evidence-driven AMR policies and actions across all sectors



### Key elements

- AMR surveillance
- Quality-assured **laboratory networks**
- National AMR surveillance systems
- National antimicrobial use (AMU) surveillance systems
- Data on AMR and AMU
- Advances in **digital technology**



### Key result areas

- Establishment of **integrated surveillance** across human, animal, agrifood, plant, and environment sectors
- Establishment of **environmental surveillance** of AMR and antimicrobial residues
- Increase in the number of countries with national AMR and AMU surveillance systems that meet WHO-GLASS, WOAHA ANIMUSE and FAO InFARM standards for quality representativeness
- Progress towards achieving 80 % of countries can test resistance in all bacterial and fungal pathogens included in the GLASS

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## Strategic objective 3: Intensify infection prevention across all sectors to reduce the burden of infectious diseases and the need for antimicrobials



### Key elements

#### Prevention of infections

- In the human health sector
- In the **animal health, agrifood, and plant** sectors
- **Environmental** dimensions



### Key result areas

- Reduction in preventable infections in humans and animals
- Reduction in incidence of drug-resistant infections, especially healthcare-associated infections
- **Progress towards 100% of countries having basic water, sanitation, hygiene and waste services in all healthcare facilities**
- Progress towards 90 per cent of countries meeting all WHO minimum requirements for infection prevention and control programmes at the national level
- Improved **waste and wastewater management** across sectors
- **Less reliance** on antimicrobials in **agrifood sector** and their discharge in the environment

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## Strategic objective 4: Ensure equitable access, appropriate use and disposal of antimicrobials and health products across all sectors



### Key elements

- Antimicrobials...equitable and affordable **access**
- Effective antimicrobial and diagnostic stewardship policies
- National legislative and regulatory frameworks
- Environmental safeguards



### Key result areas

- Progress towards achieving 70% of total antibiotic use in human health in the WHO Access category
- Reduction of the need and use of antimicrobials in animals, food and agriculture
- **Reduction in non-therapeutic use** of medical/veterinary antimicrobials
- Increased and improved safe **disposal** of unused antimicrobials across sectors

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## Strategic objective 5: Ensure sustainable investment in AMR research and innovation across all sectors



### Key elements

- Multidisciplinary research on AMR
- Scaling up AMR-related R&D
- **Sustainable, country-led financing and investment models**
- Enhancing research capacity and uptake of innovation



### Key result areas

- Increased investment in priority R&D and **AMR research** and innovation across sectors
- Availability of new or improved AMR products, and **innovation** in **sustainable environmental management** and **pollution prevention** and control across sectors
- Increased domestic and international financing mechanisms (e.g., delinked R&D, pooled procurement)

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## Strategic objective 6: Strengthen multisectoral governance, sustainable financing, and accountability for a coordinated AMR response across all sectors and at all levels



### Key elements

- Effective, functional and inclusive AMR **governance**
- For **sustainable implementation** of NAPs
- Adequate and predictable **financing**



### Key result areas

- Countries with operational and effective **multisectoral AMR governance** mechanisms
- Countries effectively implementing and monitoring prioritized and costed multisectoral NAPs on AMR
- Increased and sustained national/international financial investment for the AMR response,
- Strengthened integration of sustainable environmental management and pollution prevention into global, regional, and national AMR policies
- Progress towards achieving 95% countries reporting to TrACSS

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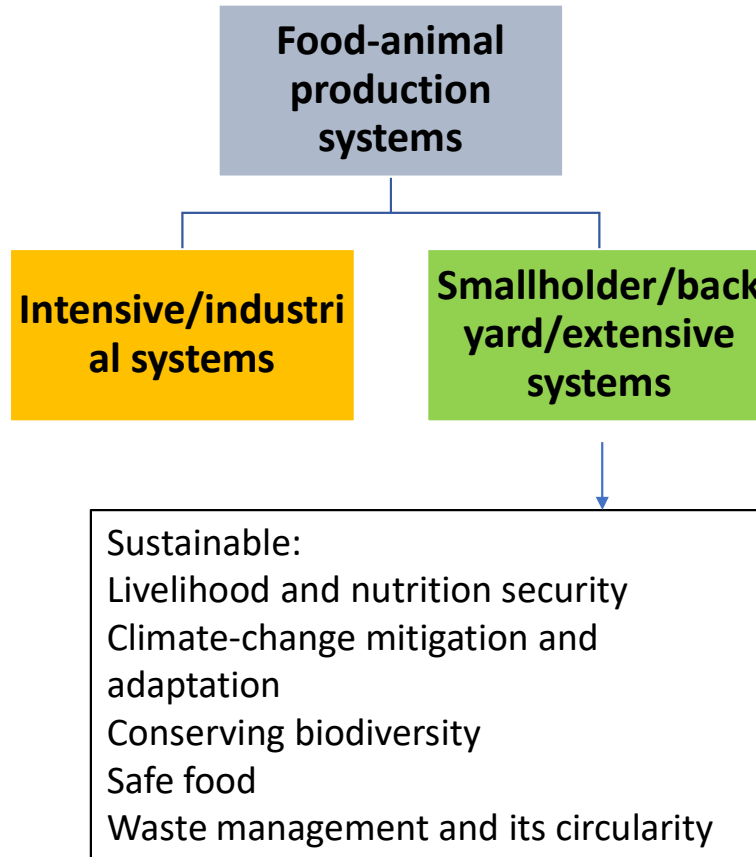
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## Two broad kind of food-animal production systems in the Global South

- Large-scale; **high stocking density** of animals/birds/ fish
- Genetically selected **similar breeds for productivity**
- Kept under **confined conditions** and in close proximity; **high stress**
- **Limited** focus on good animal husbandry
- **Dependence** on **commercial feed, inputs and chemicals/antibiotics**
- Often **geographically concentrated; vertically integrated** by large players
- **Industrial/commercial** approach to rearing and marketing; mass production/integrated players/contract farming



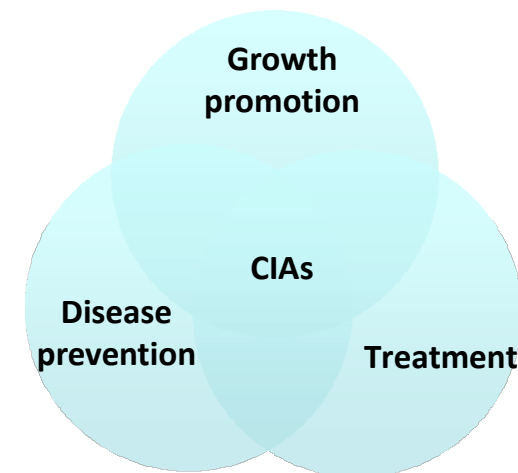
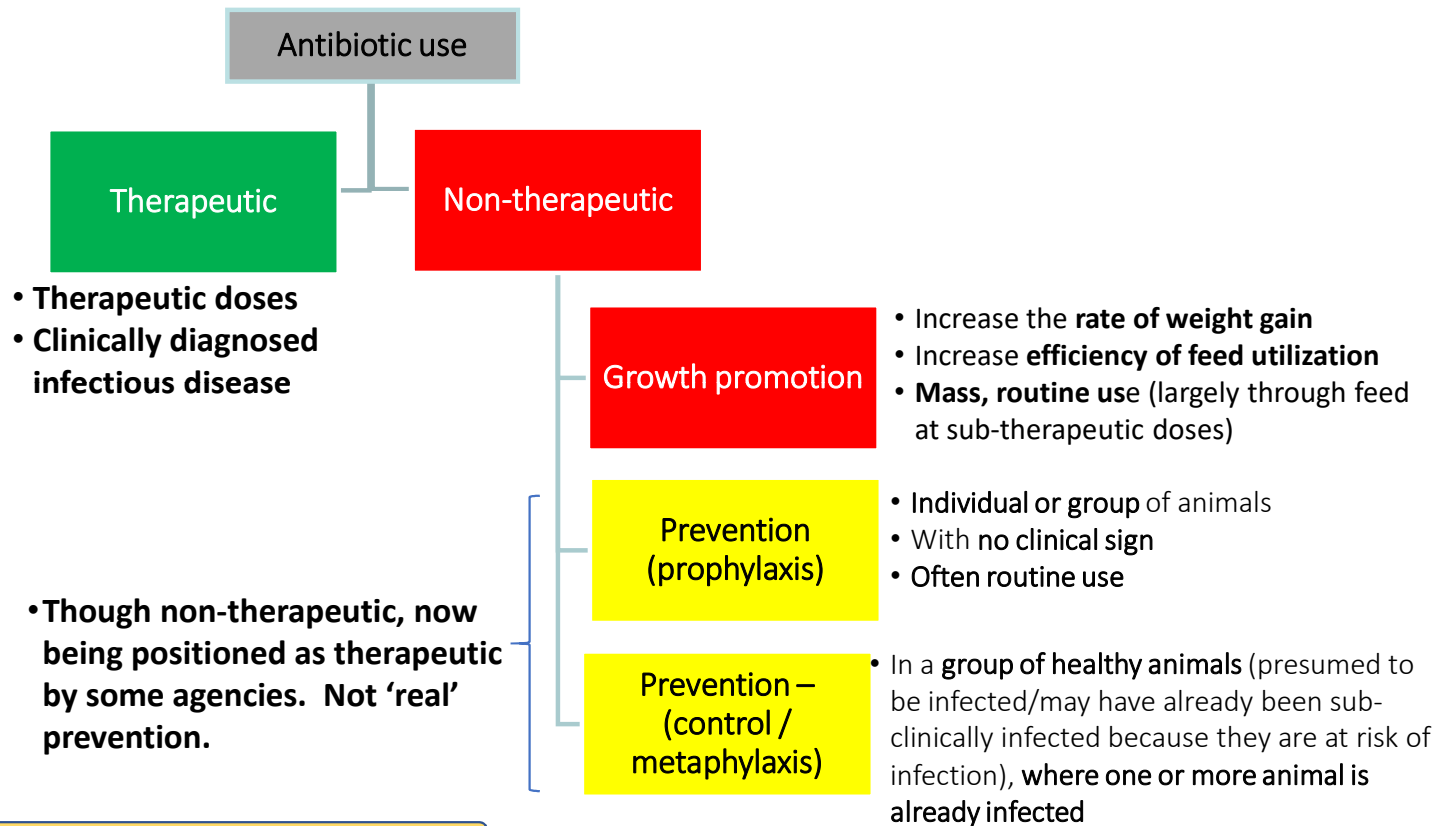
- **Free range** farming systems; open areas/not confined settings
- **Low stocking density; less stress**
- **Native/indigenous or improved breeds** which are more disease/climate/stress resilient
- Limited proximity leading to **low risk of disease** emergence and spread
- Preferred in **backyard/rural farming models**; reared for nutrition and livelihood purposes
- **Decentralized model** of food production; food produced by masses (not mass produced)

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# Antibiotic use in intensive food production systems

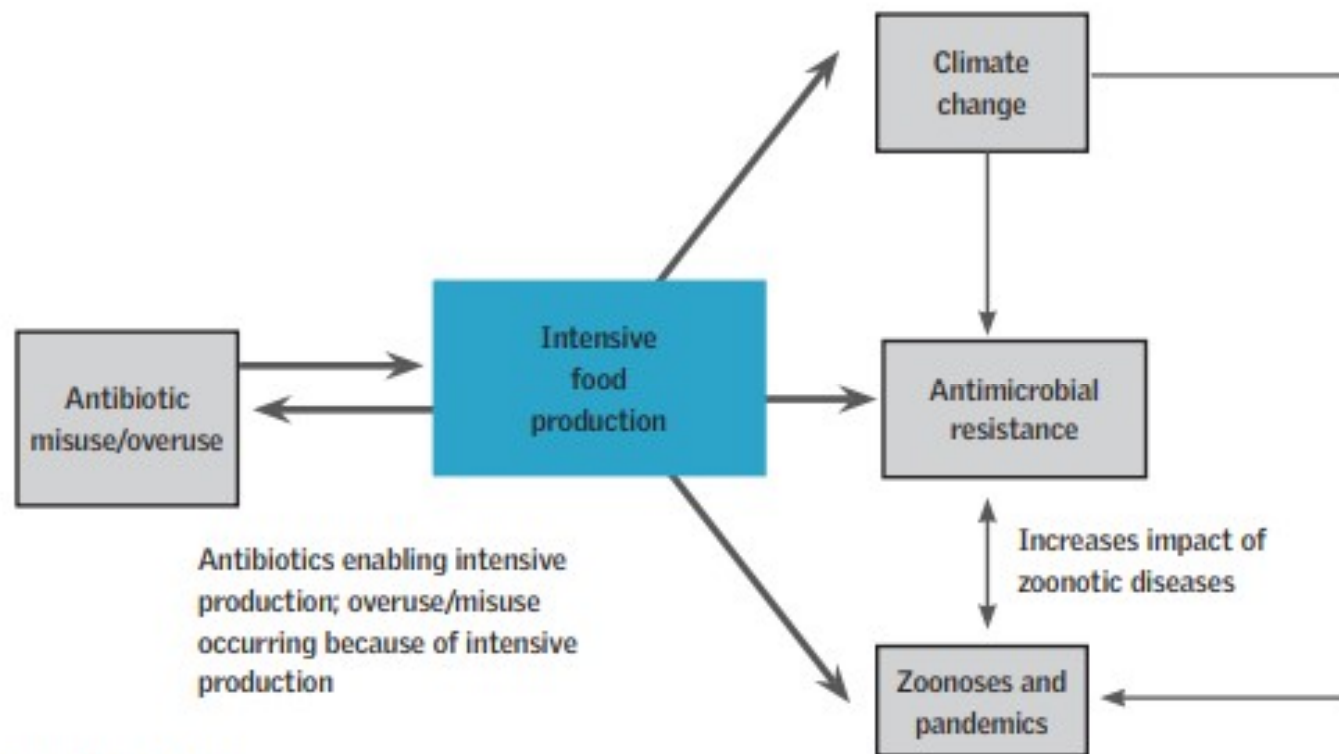


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## Antibiotics fuel intensification, which can be a driver for AMR, climate change, zoonoses and pandemics



Source: CSE analysis



## The updated GAP should:



- Recognise that **intensive systems are not sustainable for multiple reasons** and in the long run dependence upon them needs to be reduced (in addition to getting them right in the short-term)
- Recognise that **small-holder/extensive/backyard systems are sustainable** and be useful to address the global challenges of AMR, zoonoses, climate change, livelihood and nutrition security, conserving biodiversity
- Reflect and capture the **connections between intensive/industrial food-production systems and pandemics** (like influenza pandemics)
- Outlines **climate connections** of such intensive systems such as related to land use for feed versus food; GHG emissions etc.
- Include text on **impact of consumption of meat/food from intensive systems**; and the **need for promoting production and consumption of sustainably grown food** (considering more food consumed is grown in unsustainable intensive/industrial systems)

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# Thank you



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