



ZAMBIA'S AMR NAP IMPLEMENTATION EFFORTS

Kapona Otridah

AMR National Focal Point & Coordinator
Zambia National Public Health Institute-MoH

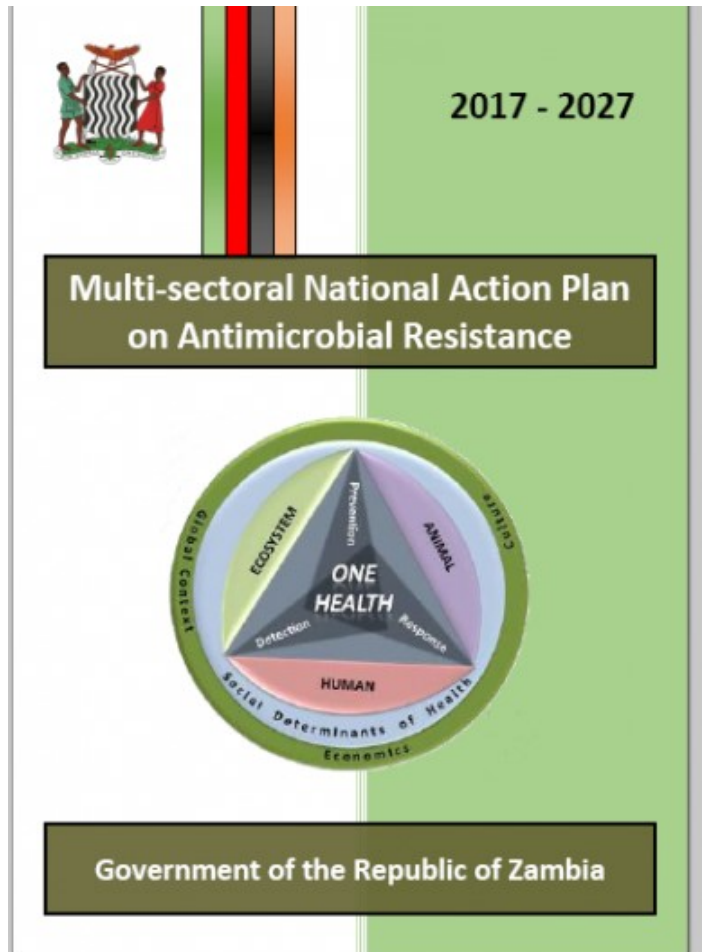
CSE WEBINAR-One Health Action to Preserve Antibiotics

20TH NOVEMBER, 2020

Official Launch of MS-AMR NAP



AMR NAP Focus Areas



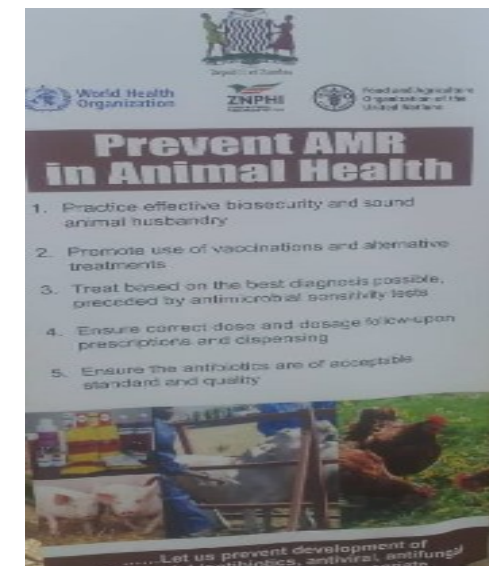
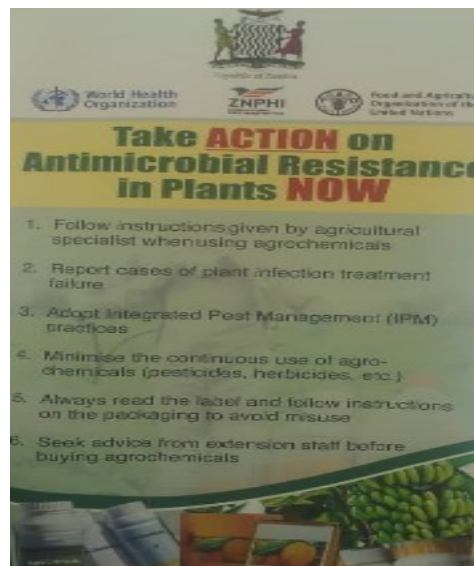
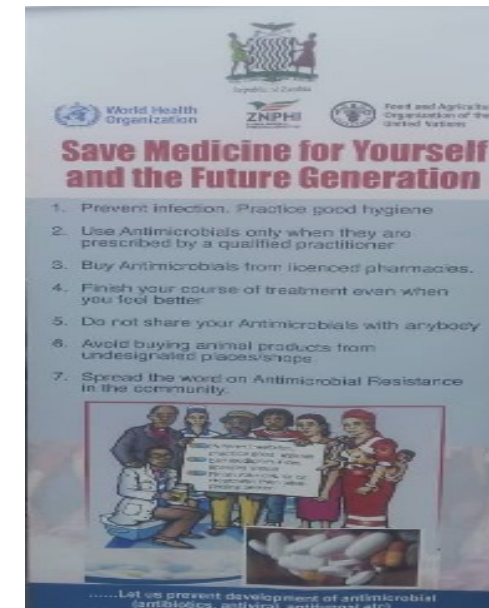
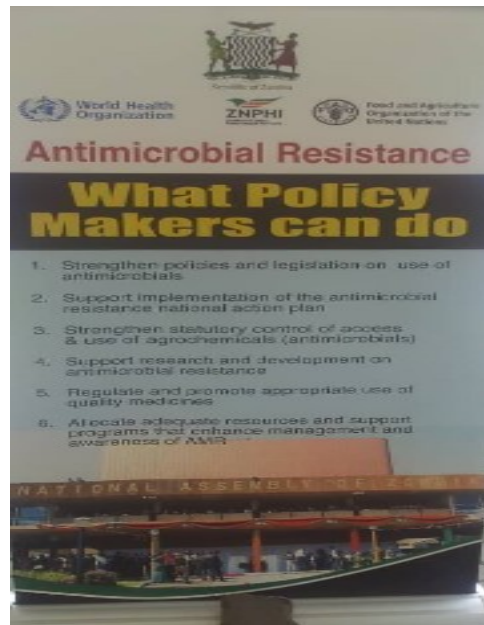
1. To improve awareness and understanding of AMR through good governance, effective communication, education and training.
2. To strengthen knowledge evidence base through surveillance and research
3. To reduce the incidence of infection through effective sanitation, hygiene and infection prevention measures, and biosecurity.
4. To optimise the use of antimicrobial medicines in human, animal, and plant health.
5. Investment in Research & Development

Status of NAP Implementation

Objective 1: To improve awareness and understanding of antimicrobial resistance through effective communication, education and training.

- ❖ Targeted awareness material developed (FF2 Supported)
- ❖ Orientation for Media personnel, Permanent Secretaries & Heads of Institutions on AMR
- ❖ Sensitisation of Agro-vet dealers on AMR and ZAMRA agro-vet (FF2 Supported)
- ❖ Assessing poultry value chain and production system to identify high risk behaviours and practises in relation to AMR/ Measure the impact of AMR awareness among the poultry farmers (FF2 Supported)
- ❖ Draft Internal communication strategy for awareness on AMR done
- ❖ Live TV and Radio interviews/discussions
- ❖ Commemoration of 2017 -2020 World Antibiotic Awareness Week (WAAW)
 - ✓ Awareness Walk/campaign
 - ✓ Sensitisation of Poultry famers on prudent use of antibiotics in poultry.
 - ✓ College and University debates & Grand rounds
 - ✓ Live phone in TV and Radio Programs

Developed/adapted Targeted Awareness Materials



Orientation of PS's and Heads of Institution & Launch of FAO AMR project



Media Training/Orientation on AMR



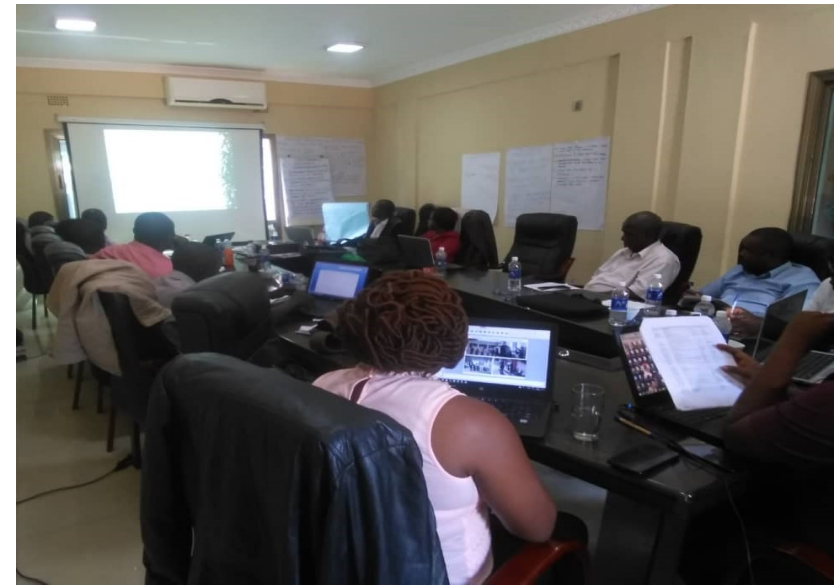
Agro-vet sensitisation



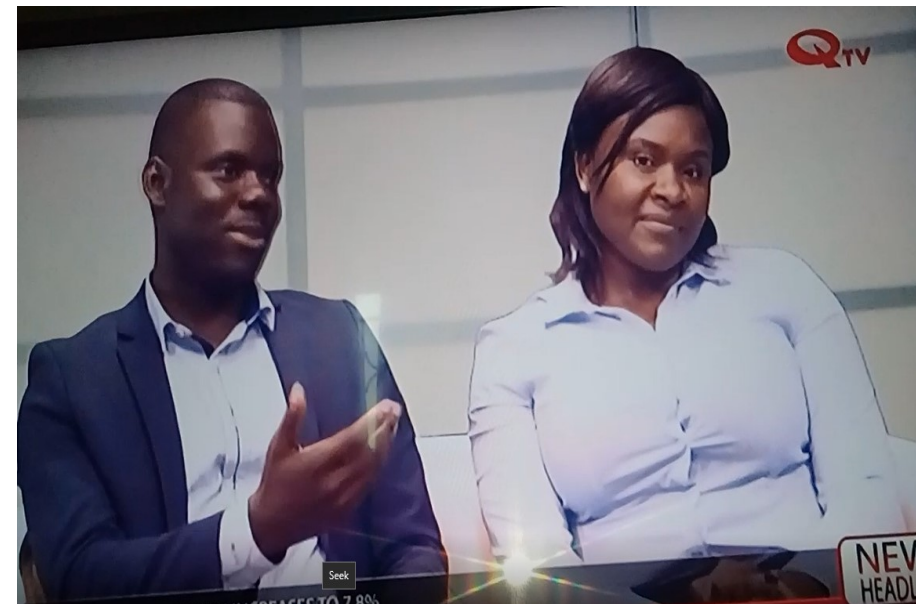
Agro-vet sensitisation & AMR TV programs



Training of Veterinary Assistants In AMU -FFS



Live TV Interviews/Discussions



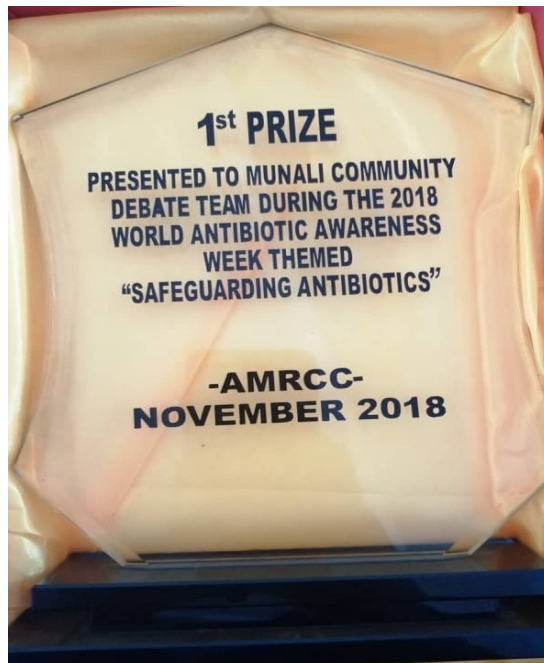
AMR Media Awards



Commemoration of 2017/2018 WAAW



AMR Debates



AMR Surveillance

Objective 2: To strengthen the knowledge and evidence base through surveillance and Research.

- ❖ AMR Surveillance-Routine and Programmatic (mostly bacterial pathogens).
- ❖ AMR surveillance network 7 HH and 5 AH Labs
- ❖ GLASS enrolment (3 labs enrolled), started with 1 lab
- ❖ Lab assessment / ATLAS assessment mission
- ❖ Laboratory Training at KEMRI-13 trained from all sectors (FF2 / WHO Supported)
- ❖ Onsite microbiology/ QMS mentorship

AMR Surveillance Cont.....

- ❖ Honey Residue Control Plan being implemented for honey exports to the EU.
 - ✓ Dihydrostreptomycin,
 - ✓ Tetracycline
 - ✓ Tyrosin
- ❖ Sales data on antimicrobial used in animals has been under OIE
- ❖ ZAMRA-post marketing surveillance and pharmacovigilance
- ❖ Import & Export data
- ❖ Monitoring disposal of drugs-ZEMA

Capacity Building training



Onsite Microbiology Mentorship







IAMRSS Priotisation

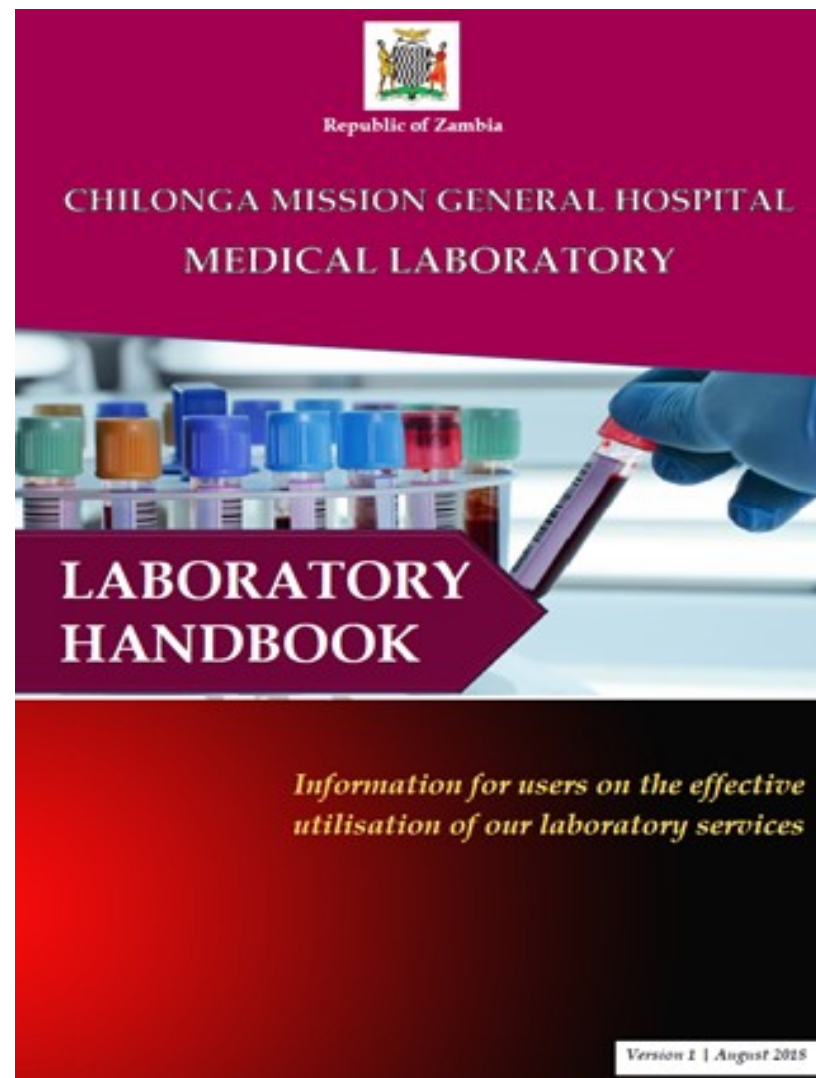
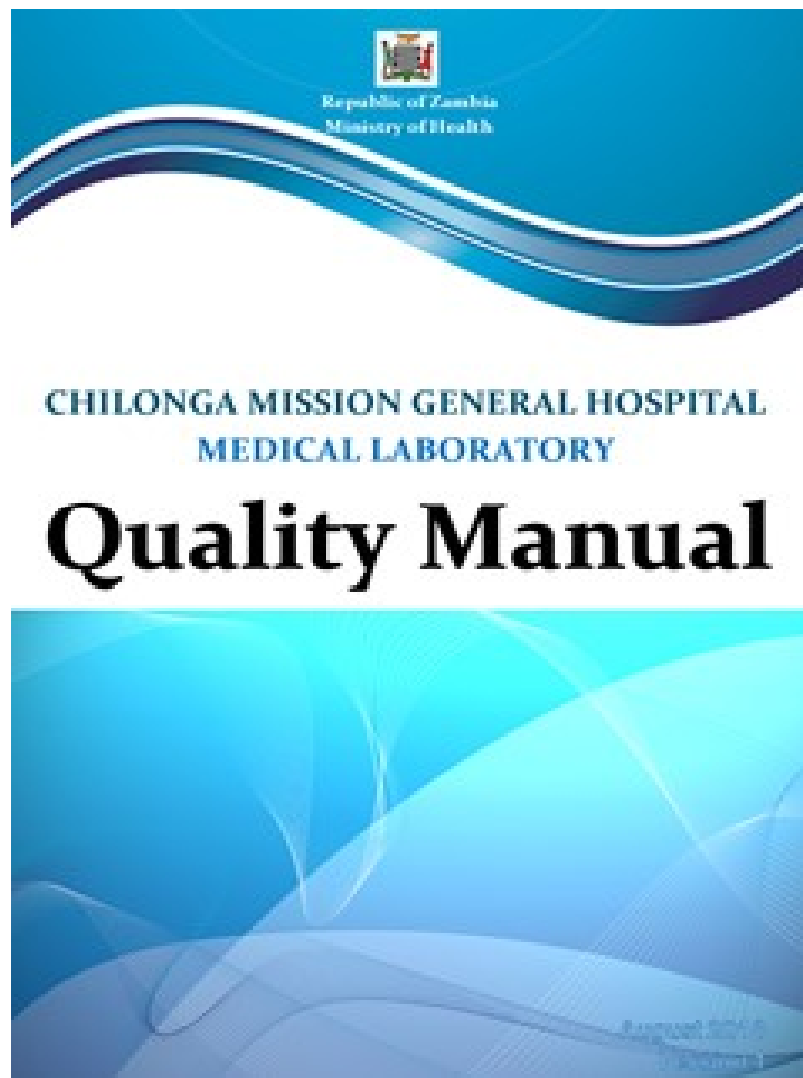


Progress on NAP implementation in Africa



QMS MENTORSHIP

- ❖ systematically guide the labs through ISO 15189 requirements. The ultimate goal is developing a public health lab system and obtain international accreditation.
- ❖ Unlike classroom-based QMS trainings, onsite mentorship allows for adaptation of solutions and quality activities to the local context.
- ❖ The mentors tailor mentorship package to the lab's organizational and resource
- ❖ 6 labs being mentored-Kitwe TH, Chilonga MH, Choma DH, Mansa GH, Kasama GH and St Francis MH



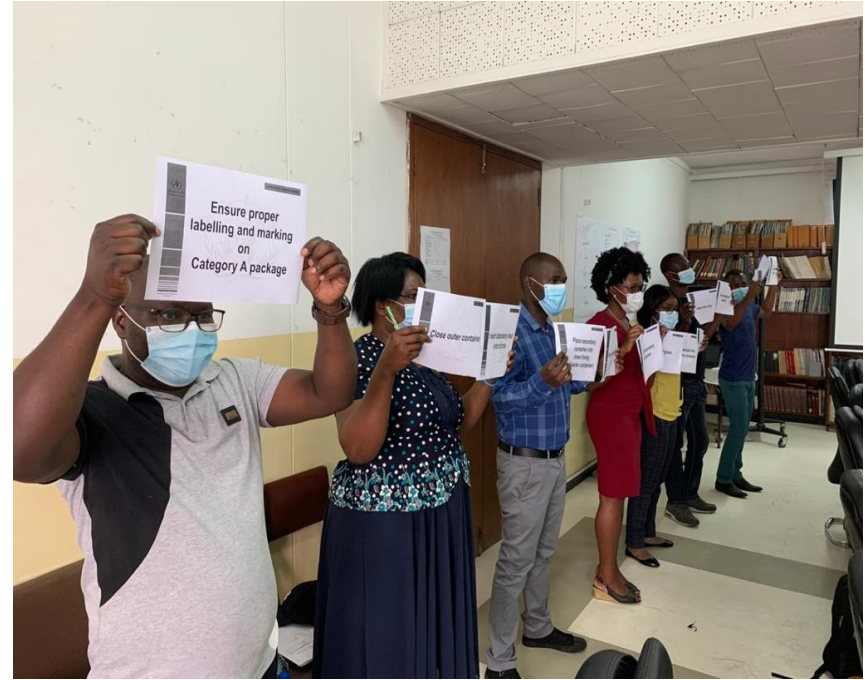
Status of NAP Implementation

Objective 3: To reduce the incidence of infection through effective sanitation, hygiene and infection prevention measures

❖ Advocacy to strengthen IPC

❖ ToT Biosafety and biosecurity Training Done-
Trained 16 trainers in biosafety and biosecurity

Biosafety and Biosecurity Trainings



Status of NAP Implementation

Objective 4: To optimize the use of antimicrobial medicines in human and animal health

- ❖ Agro-vet guidelines developed and disseminated.
- ❖ Antimicrobial Stewardship (AMS) workshop done(Supported by ReAct Africa/EPN).
 - ✓ Draft Policy, Framework & ToRs done
 - ✓ Identified 5 AMS pilot facilities at different levels of health care.
 - ✓ Validation meeting- 31st July,2019
 - ✓ Road Map to phase out use of CIA for non-therapeutic use in AH (CSE)
 - ✓ PPS/ICAT
- ❖ Review of legislation –(FAO Support/MoH)
 - ✓ Medicines and Allied Substances Act No. 3 2013
 - ✓ Food safety & Quality Bill,
 - ✓ PHA,
 - ✓ The Animal Health Act No. 27 of 2010,
 - ✓ The Veterinary and Para-veterinary Professionals Act No.45 of 2010,
 - ✓ Environmental Management act #12 of 2011,
 - ✓ Plant pests and diseases Act-CAP 233 of the laws of Zambia of 1958
 - ✓ Environmental Management Licensing regulations of 2013

Antimicrobial Stewardship Workshop



Antimicrobial Stewardship Stakeholder Engagement



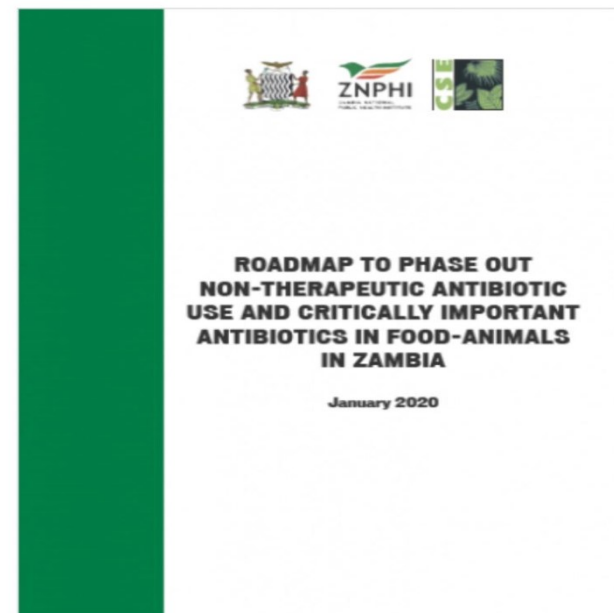
Review & Validation of AMS policy & guidelines



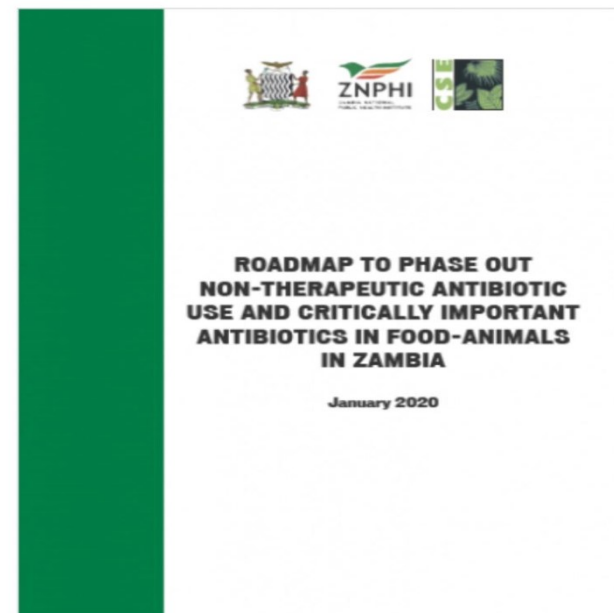
Point Prevalence Surveys



Roadmap to Phase out CIA in Animals



Antimicrobial Stewardship Workshop



Establish partnerships on Supporting Implementation of Zambia's Multisectoral AMR National Action Plan

- ❖ Action on Antibiotic Resistance Africa Node (ReAct Africa)-MoU Signed. Aimed at supporting Implementation of Antimicrobial Stewardship programs in Health facilities
- ❖ Centre for Science and Environment (CSE) MoU signed on supporting AMR Surveillance and legislative review
- ❖ FIND AMR connectivity project –MoU signed aimed at developing Integrated AMR data management system.
- ❖ Public Health England on Lab strengthening and EPR partnership

Challenges

- ❖ Paucity of actionable data
- ❖ Inadequate enforcement of laws & regulations
- ❖ Limited microbiological capacity
- ❖ Limited access to funding
- ❖ One Health Approach
- ❖ Lack of dedicated staff to spearhead AMR activities

Opportunities/Strengths

- ❖ Strong political will
- ❖ One health approach
- ❖ Collaboration-PPPs

Conclusion

It is Important to have a sound idea, but the really important thing is the implementation

-Wilbur Ross-

A Journey of a thousand miles begins with one step, this is Zambia's first step to ensuring there is still a cure tomorrow!