

State Action Plan- In Depth Interview Questionnaire Draft

1. What is your professional background and how long have you been working in this position?
 - Ask whether they are responsible for healthcare delivery for humans or animals, in their professional capacity
 - Ask about the mandate of their position and any innovative programs/projects they have led in their official capacity
 - Does their professional responsibilities involve environment stewardship in any way- like wastewater treatment plants, solid waste management, pollution control etc.
 - Ask about the professional challenges they are facing in delivering services to the public
2. Have you been involved in procurement and dispensing of antibiotics in any sector?
 - Ask about their role in procurement and dispensing.
 - If they are involved, ask about the principles that they follow in procurement and dispensing of antibiotics
 - Ask about their exposure to antibiotic resistance as an issue or any programs they have attended in this regard
 - Any measures taken by them to rationalize procurement and dispensing of antibiotics
3. Do you think Antibiotic Resistance is a problem that needs to be tackled urgently?
 - Ask about their perceptions about the impact of the issue in their sector
 - If you feel that they know about the antibiotic resistance issue, ask about their perceptions about possible driving factors for the issue
 - Ask about what can be done to solve this issue
4. Are you aware of the National Action Plan on Antimicrobial Resistance and the various state action plans on this issue?
 - If they are aware, ask about their perceptions on the implementation status of the same
 - Ask their opinion of action plans to solve multi-sectoral complex issues like antibiotic resistance. Is it the right method?
 - National or state governments well placed to take action on this issue?
5. Are you aware of any disease surveillance programs in the state, in the health or veterinary sectors?
 - Ask about the functionality of such programs and its overall utility
 - Ask whether the insights generated through the surveillance is used for decision making
 - Is it possible to use or repurpose any of the existing surveillance programs for Antibiotic Resistance?

6. What do you think about the relationship with overall hygiene in the community and Antibiotic Resistance?
 - Antibiotic Resistance as a function of increasing antibiotic use, which can be precipitated by rise in infections due to hygiene issues
 - Ask about the impact of programmes like '*Swachh Bharat Abhiyan*' to increase hygiene in the community
 - Any government initiatives to increase infection prevention in healthcare facilities and improve hygiene in farms?
7. Over-the-counter availability of antibiotics – how severe a threat does this pose in compounding the problem of antibiotic resistance?
 - Ask about the extend of antibiotic misuse in the human health and how it can be contained
 - If relevant, ask about the ease of purchase of antibiotics for use in food animal production and how this can be curbed
 - Ask whether any efforts to reduce over-the-counter availability of antibiotics will reduce access for legitimate reasons
8. What do you feel about the quality of waste management practiced in healthcare facilities and farms? Is this resulting in a worsening of the Antibiotic Resistance situation in the environment?
 - Ask about how unused/expired antibiotics are disposed at households
 - Find out the quality of waste management (biomedical and otherwise) practiced in healthcare facilities
 - Ask about the prevalent waste management practices in farms
 - Antibiotics and antibiotic resistant organisms in the environment- their perceptions regarding its impact
9. What are the systemic/structural issues that may be affecting the antibiotic resistance situation in the state?
 - Poor quality of healthcare delivery and lack of access to healthcare services resulting in people looking for unqualified medical practitioners and over the counter antibiotic use
 - Poor hygiene conditions in farms, because of lack of oversight and poor investment
 - Ask whether a state action plan can sort out these systemic/structural issues?
10. Who are the key stakeholders for designing and implementing a state action plan on antibiotic resistance?
 - Ask about the policy community at the state level, who can be engaged to move the Antibiotic Resistance agenda forwards
 - What are the factors which can increase the local ownership and resource mobilization associated with the plan?

