



## Republic of Zambia

### Workshop on Integrated Surveillance Framework for Antimicrobial Resistance Focusing on Animals and Environment

March 4 – 6, 2019

Amalila Conference Hall, Hotel Taj Pamodzi

Lusaka, Zambia

### AGENDA

Day 1 – March 4, 2019	
Session 1: Introductory session	
8:30 – 10:00 AM	
8:30 – 10:00 AM	Welcome and introduction to the workshop <b>Dr Kennedy Malama</b> , Permanent Secretary – TS, Ministry of Health, Zambia
	ZNPHI – CSE collaboration <b>Dr Victor Mukonka</b> , Director, Zambia National Public Health Institute, Zambia
	Remarks and setting the context <b>Dr Chandra Bhushan</b> , Deputy Director General, Centre for Science and Environment, India
	Remarks <b>Dr George Okechi</b> , Country Representative, Food and Agriculture Organization of the United Nations, Zambia
	Remarks <b>Dr David Shamulenge</b> , Permanent Secretary – Ministry of Fisheries & Livestock
	Special address <b>Dr N. J. Gangte</b> , High Commissioner, High Commission of India, Zambia
	Official opening <b>Dr Chitalu Chilufya</b> , Honourable Minister of Health
	Group photograph
10:00 – 10:30 AM	Coffee



## Republic of Zambia

<b>Session 2: CSE's perspective on AMR surveillance – policies, systems, tools</b> <b>10:30 – 11:30 AM</b>	
10:30 – 11:15 AM	AMR surveillance in food animals and environment: policies, systems and tools <b>Dr Amit Khurana</b> , Director, Food Safety and Toxins, Centre for Science and Environment, India
11:15 – 11:30 AM	Discussion
<b>Session 3: AMR surveillance in Zambia – status on policies, preparedness and plans</b> <b>11:30 AM – 1:00 PM</b> <i>Chair: Dr Chandra Bhushan, Deputy Director General, Centre for Science and Environment, India</i>	
11:30 AM – 12:15 PM	Zambia's Integrated Antimicrobial Resistance Surveillance Strategy <b>Dr Otridah Kapona</b> , National AMR Focal Point & Coordinator, Zambia National Public Health Institute, Zambia
12:15 – 1:00 PM (5 min each of opening remarks followed by discussion)	<b>Panel Discussion:</b> <b>Dr Paul Fandamu</b> , Deputy Director, Department of Veterinary Services, Ministry of Fisheries and Livestock <b>Dr Maxwell Nkoya</b> , Director – Planning, Information and Research, Zambia Environment Management Agency <b>Dr Sumbukeni Kowa</b> , Head, Food and Drugs Control Laboratory <b>Dr Munkombwe Zuma</b> , Director – Medicines Control, Zambia Medicines Regulatory Authority <b>Dr Mapanga Kasonde</b> , Antimicrobial Resistance Coordinating Committee, Zambia <b>Dr Doreen M. Chomba</b> , Principal Agricultural Research Officer, Zambia Agriculture Research Institute
1:00 – 2:00 PM	Lunch
<b>Session 4: AMR surveillance in Europe and India</b> <b>2:00 – 3:30 PM</b> <i>Chair: Dr Paul Fandamu, Deputy Director, Department of Veterinary Services, Ministry of Fisheries and Livestock</i>	
2:00 – 3:00 PM	Integrated AMR and AMU surveillance in Sweden: enabling policies and systems, implementation modalities <b>Dr Karl Pedersen</b> , Head of Section, Department of Animal Health and Antimicrobial Strategies, National Veterinary Institute, Sweden



## Republic of Zambia

(20 min each)	Integrated AMR and AMU surveillance in Denmark: enabling policies and systems, implementation modalities <b>Dr Flemming Bager</b> , Head, Division of Risk Assessment and Nutrition, National Food Institute, Technical University of Denmark, Denmark
	AMR surveillance – enabling policies, Action Plan, implementation in human health sector <b>Dr Anuj Sharma</b> , Technical officer – AMR; Health laboratories, WHO India
3:00 – 3:30 PM	Discussion
3:30 – 4:00 PM	Coffee
<b>Session 5: AMR surveillance in Africa – status on policies, preparedness and plans</b> <b>4:00 – 5:30 PM</b>  <i>Chair: Dr Emmanuel Kabali, Regional AMR Project Support Officer, FAO Southern Africa Sub – regional Office</i>	
4:00 – 5:00 PM (15 min each)	Uganda <b>Dr Denis K. Byarugaba</b> , Professor of Microbiology, College of Veterinary Medicine, Makerere University, Uganda
	Kenya <b>Dr Mirfin Mpundu</b> , Head, ReACT Africa/Executive Director, EPN
	Ghana <b>Dr Bashiru Boi Kikimoto</b> , Head, Public Health and Food Safety Division, Veterinary Services Directorate, Ministry of Food and Agriculture, Ghana
	Nigeria <b>Dr Joshua Obasanya</b> , Head, Prevention and Programmes Coordination Department, Nigeria Centre for Disease Control, Nigeria
5:00 – 5:15 PM	Discussion
5:15 – 5:30 PM	<b>Signing of MoU:</b> Centre for Science and Environment and Zambia Environment Management Agency



## Republic of Zambia

Day 2 – March 5, 2019	
<b>Session 6: Tools and guidance for AMR surveillance</b> <b>8:30 – 10:30 AM</b> (Presentation time includes 5 minutes of discussion) <i>Chair: Victor Mukonka, Director, Zambia National Public Health Institute, Zambia</i>	
8:30 – 9:00 AM	Integrated AMR surveillance for food borne bacteria: Guidance from AGISAR <b>Dr Samuel Kariuki</b> , Deputy Director, Research and Development, KEMRI, Kenya
9:00 – 9:30 AM	a) ESBL <i>E. coli</i> tricycle project b) Quality assurance of AMR testing <b>Dr Anuj Sharma</b> , Technical officer – AMR; Health laboratories, WHO India
9:30 – 10:00 AM	a) Overview of WHO NET b) Interpreting AST using EUCAST or CLSI in animal and environment sector <b>Dr John Stelling</b> , Co – Director, WHO Collaborating Centre for Surveillance of AMR, Brigham and Women's Hospital, Microbiology Laboratory, Boston, U.S.A
10:00 – 10:30 AM	Quantifying antibiotic use in food animal production (presentation via Skype) <b>Dr Cólín Nunan</b> , Campaign Manager and Scientific Adviser, Alliance to Save Our Antibiotics, UK
10:30 – 11:00 AM	<b>Coffee</b>
<b>Session 7: Group work I – Prioritizing the Multi-sectoral National Action Plan on Antimicrobial Resistance</b> <b>11:00 AM – 4:00 PM</b>	
11:00 – 11:30 AM	Introduction to groups and group work <b>Dr Divya Khatter</b> , Programme Officer, Food Safety and Toxins, Centre for Science and Environment, India
11:30 AM – 1:00 PM	Breakout sessions: <ul style="list-style-type: none"> <li>• Subgroup 1 (Humans)</li> <li>• Subgroup 2 (Animals)</li> <li>• Subgroup 3 (Environment)</li> </ul>
1:00 – 2:00 PM	<b>Lunch</b>
2:00 – 3:00 PM	Breakout sessions continued
3:00 – 4:00 PM	Report back: Presentations and discussions based on group work I (15 min each group + 15 min discussion)
4:00 – 4:30	<b>Coffee</b>



## Republic of Zambia

<b>PM</b>	
<b>Session 8: Group work II – Baseline data generation for AMR surveillance</b> <b>4:30 – 6:00 PM</b>	
4:30 – 6:00 PM	Breakout sessions: <ul style="list-style-type: none"> <li>• Subgroup 1 (Humans)</li> <li>• Subgroup 2 (Animals)</li> <li>• Subgroup 3 (Environment)</li> </ul>

<b>Day 3 – March 6, 2019</b>	
<b>Session 8 continued</b> <b>8:30 – 9:30 AM</b>	
8:30 – 9:30 AM	Report back: Presentations and discussions based on group work II (15 min each group + 15 min discussion)
<b>Session 9: Group work III – Framework for integrated AMR surveillance</b> <b>9:30 AM – 4:30 PM</b>	
9:30 – 10:00 AM	CSE perspective on AMR surveillance framework <b>Dr Rajeshwari Sinha</b> , Deputy Programme Manager, Food Safety and Toxins, Centre for Science and Environment, India
<b>10:00 – 10:30 AM</b>	<b>Coffee</b>
10:30 AM – 1:00 PM	Breakout sessions: <ul style="list-style-type: none"> <li>• Subgroup 1 (Humans)</li> <li>• Subgroup 2 (Animals)</li> <li>• Subgroup 3 (Environment)</li> </ul>
<b>1:00 – 2:00 PM</b>	<b>Lunch</b>
2:00 – 3:00 PM	Breakout sessions continued
<b>3:00 – 3:30 PM</b>	<b>Coffee</b>
3:30 – 4:30 PM	Report back: Presentations and discussions based on group work III (15 min each group + 15 min discussion)
<b>Session 10: Concluding session</b> <b>4:30 – 5:00 PM</b>	
4:30 – 5:00 PM	Way ahead and wrap up
	Official closing