Low use, good health and high productivity - best practises from the antibacterial world
An update from the LAMP Action Network

#LivestockAgenda
An update from the LAMP Action Network

#LivestockAgenda
LAMP’s space of operations

- Not Legalizations/regulations
- But promoting improved disease prevention measures and better animal health service including/enabling prudent and effective use of antibiotics and thereby support productivity
- Globally – and among producers within the same country – there are extreme differences.

Estimates of the use of antimicrobials in the Livestock sector in the World

Van Boeckel et al. Science, 2017
The LAMP thinking

Animal production  
Animal Health Management  
Use of antibiotics

No Action  
- Continued AMR-emergence  
- Maintained production, firstly  
- Lowered production later

World Bank 2017
Improved disease prevention in resource-rich livestock systems

- No Action
  - Continued AMR-emergence
  - Maintained production, firstly
  - Lowered production later

- Use of antibiotics
  - Maintained production,
  - Lowered AMR-emergence

Animal production
Animal Health Management
Use of antibiotics
Better animal health service in resource-poor livestock systems

- Improved production,
- Lowered AMR-emergence

No Action

- Continued AMR-emergence
- Maintained production, firstly
- Lowered production later

Animal production
Animal Health Management
Use of antibiotics
The One Health-dimension

10 M Deaths

- Anti-virals
- Anti-malarials

Only antibiotics are relevant!

“The implications for the general human population are less clear, given the low number of studies.”
Some discussion points...

- What about the willingness to share good practices?
- What about practices from low-income countries and emerging economies?
- Is there a need to revise our approach of promoting improved disease prevention measures and better animal health service?
- Is there a need to revise our terminology from antimicrobial to antibiotics.
- Other......
LAMP and GASL is uniquely positioned to contribute to the mitigation of the AMR emergence!