



# Fostering access to, and appropriate use of antibiotics - a balancing act

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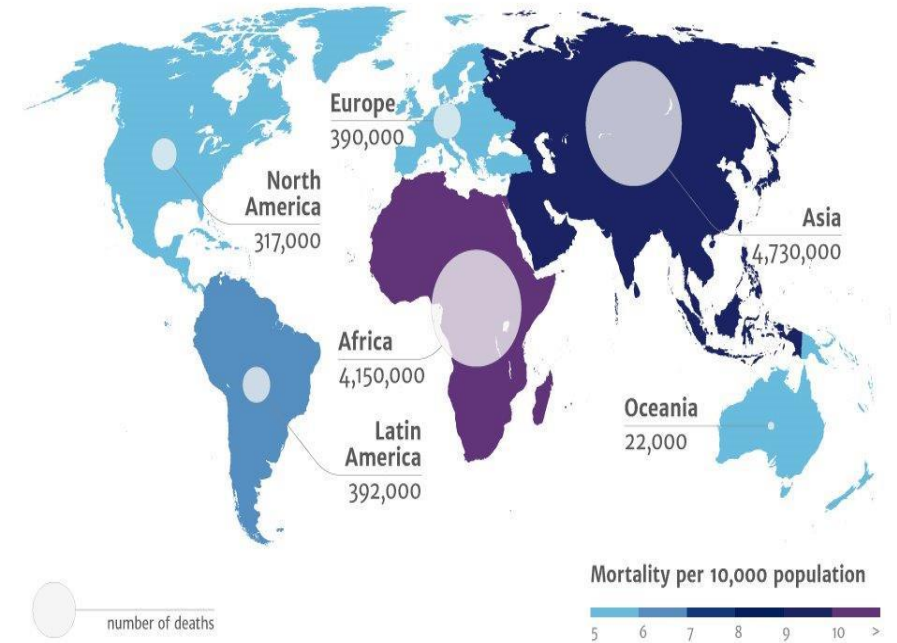
Technical Symposium on Antimicrobial Resistance: How to Foster Innovation, Access to, and  
Appropriate Use of Antibiotics

Geneva 25 October 2016

# Introduction

- Antibiotics save lives.
- Improved access to antibiotics could avert 75% of the deaths of children under five caused by pneumonia alone each year (Access to effective antimicrobials: a worldwide challenge, Lancet Nov2015)
- Lack of access to antibiotics is complicated by rising resistance rates and inadequate diagnostics
- Newer, effective drugs may be available, but . . .
  - **usually unaffordable and out of reach for the most vulnerable populations**

## Deaths due to AMR by 2050



O'Neill report 2016

# Local assessment

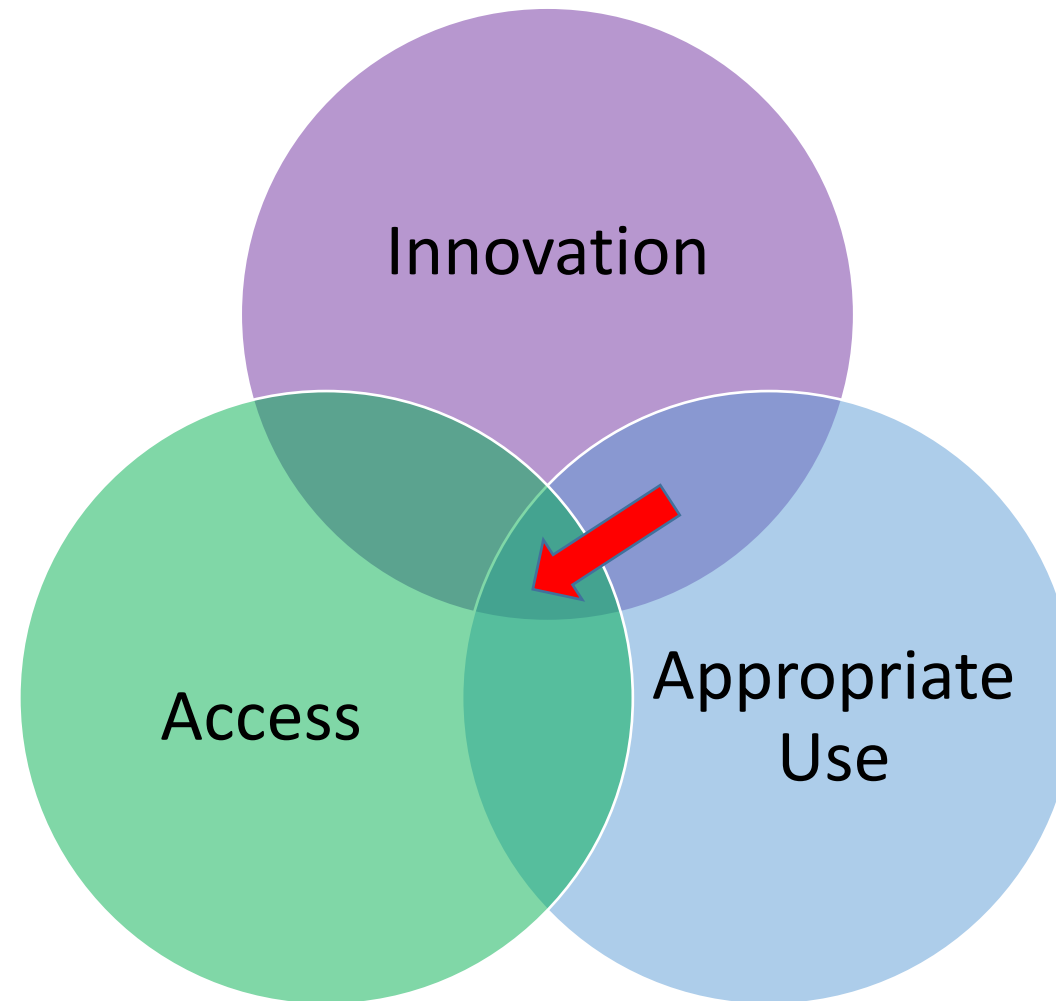


- 50% of the causes of mortality are infectious diseases
- Growing trends of antibiotic resistance
- Weak regulatory and health systems
- Widespread Inappropriate use in humans and animals

## **SITUATION ANALYSIS AND RECOMMENDATIONS** Antibiotic Use and Resistance in Kenya

[http://www.cddep.org/publications/situation\\_analysis\\_and\\_recommendations\\_antibiotic\\_use\\_and\\_resistance\\_kenya](http://www.cddep.org/publications/situation_analysis_and_recommendations_antibiotic_use_and_resistance_kenya)

# Meeting the evolving global disease burden



Balancing access & appropriate use

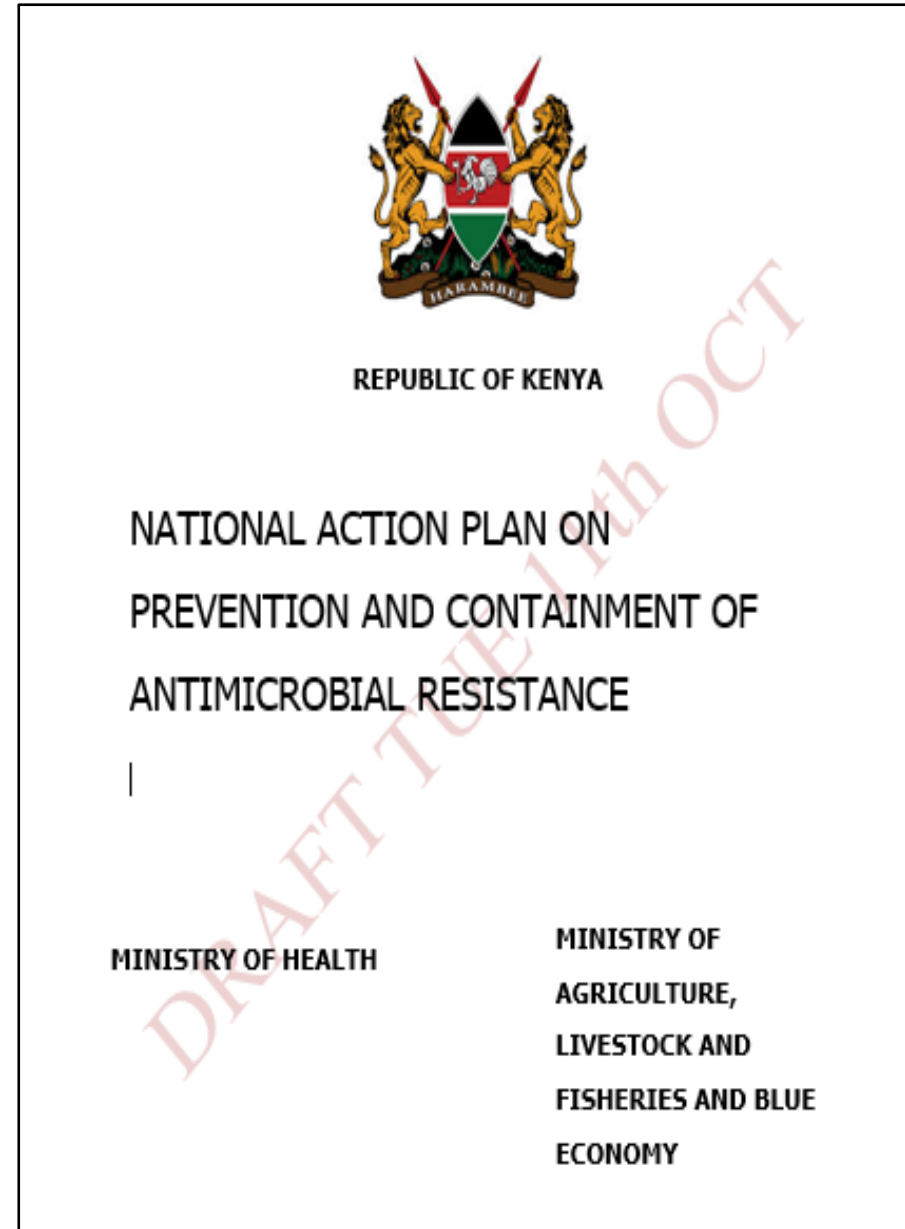
# Ensuring access and appropriate use

Depends on multiple factors operating within a *well-functioning* and *well-managed* national healthcare system:

- Rational selection and use
- Affordable prices
- Sustained financing
- Reliable health supply systems
- Robust regulation and enforcement systems

Delivery of improved health outcomes  
↓  
Sustained demand for innovation

# National Action Plans - coherent with whole of society engagement



# Implementing NAPs- Learning from Africa

**“The Global Fund and the world have learned a lot from Africa in the last decade. Africans have gained vital epidemiological knowledge on how investment can affect disease patterns. More important, Africa has shown us how we can build partnerships that can help us invest for maximum impact, especially in our fight against HIV, tuberculosis and malaria”- Mark Dybul, Global Fund 2013**

These lessons are **CRITICALLY** important as the world focuses on AMR

# Conclusion

- The AMR agenda is a great *opportunity* for countries to strengthen health systems
- National governments through Ministries of Health and Agriculture must take *leadership* in developing and implementing actionable AMR policies, strategies and implementation plans
- Strong *partnerships* will support innovation and foster access and appropriate use of antibiotics.





# Asante!

Balancing access & appropriate use