

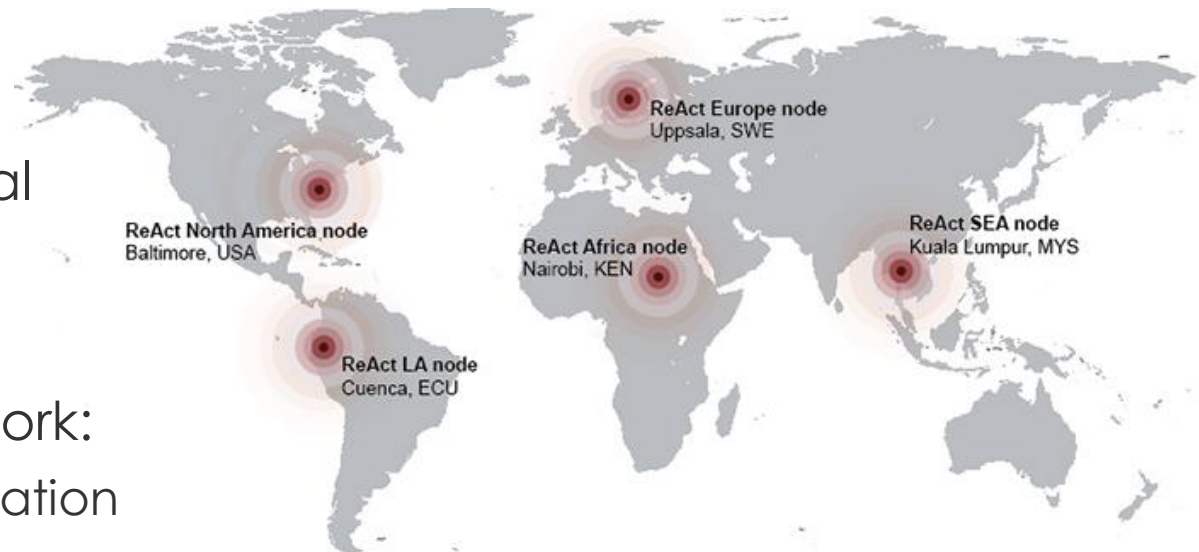
# The Role of Civil Society in Ensuring Accountability in Addressing AMR: Lessons from the Antibiotic Resistance Coalition

Reshma Ramachandran, MD MPP  
ReAct-Action on Antibiotic Resistance Strategic Policy Program  
IDEA (Innovation + Design Enabling Access) Initiative  
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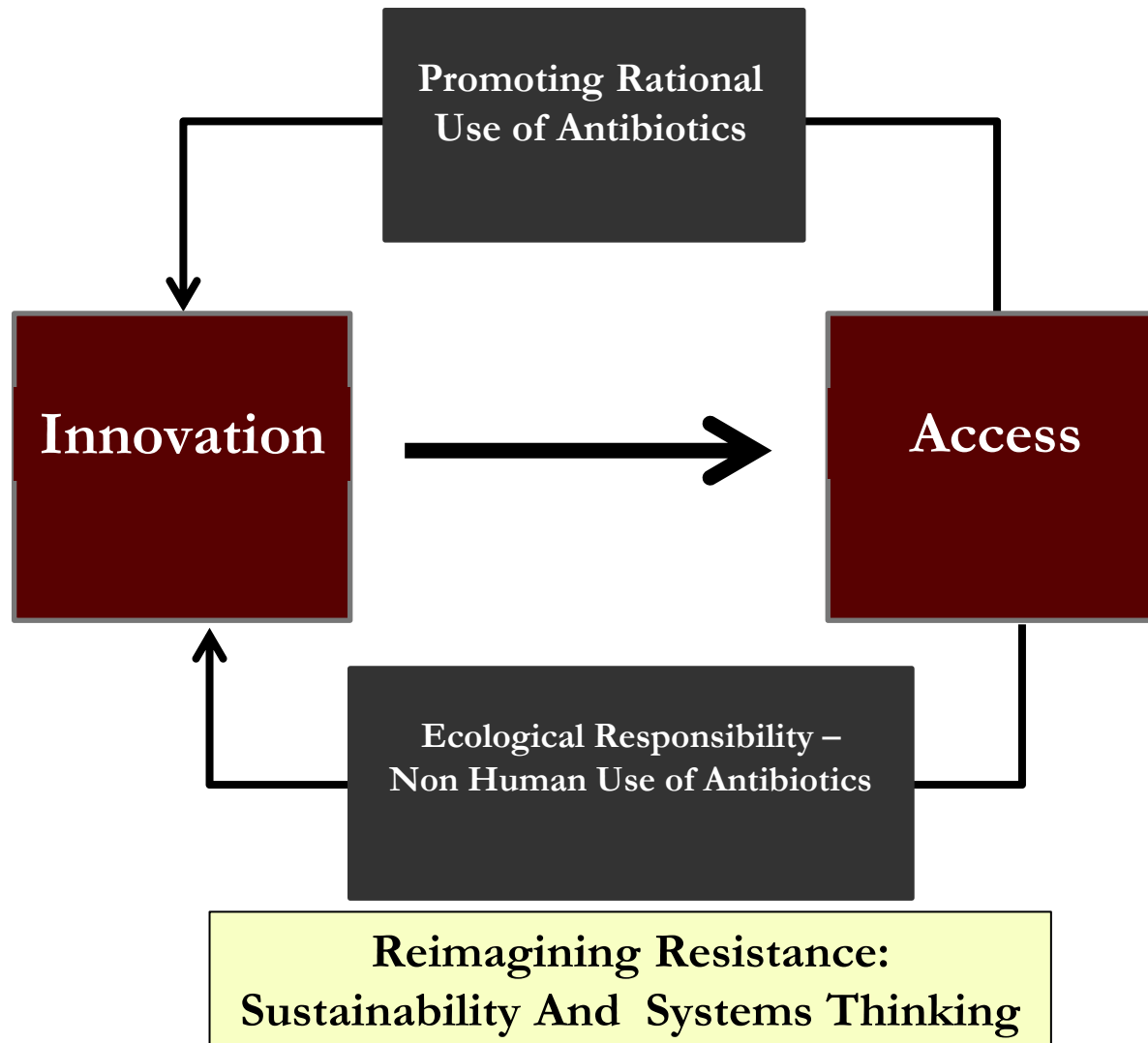
January 26, 2017

# ReAct-Action on Antibiotic Resistance: A Global Network

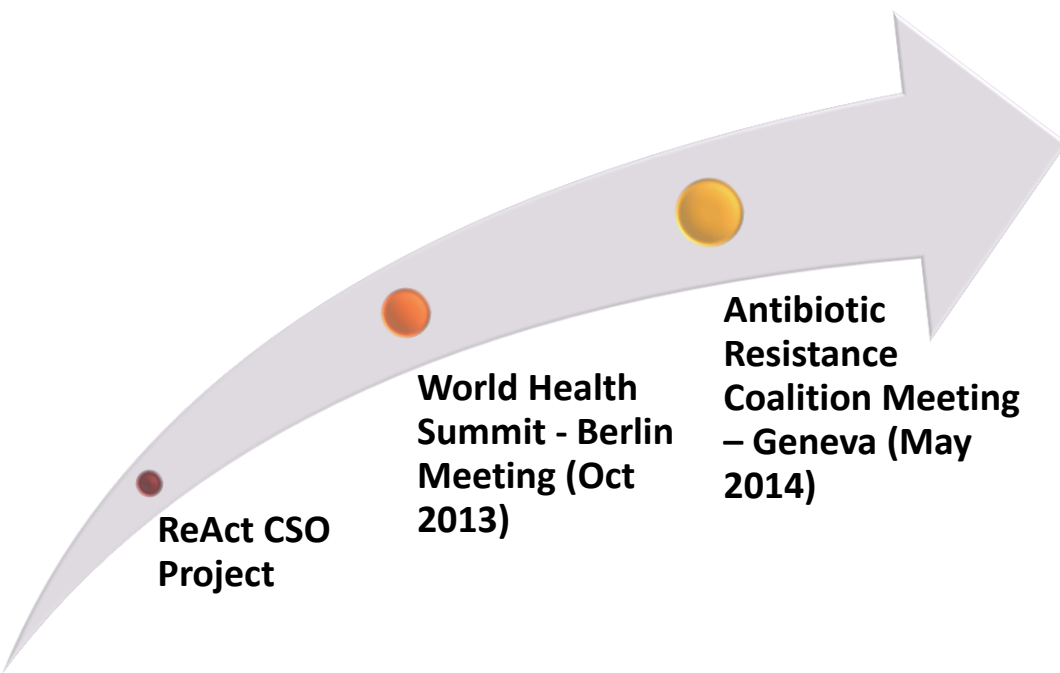
- Formed in 2005
- Independent, global network across 5 continents
- 3 key areas of network:
  - Generation & Translation of Evidence (GATE)
  - Strategic Policy Program (SPP)
  - Empower, Engagement and Network Extension (EEE)



# Taking a Multisectoral Approach to AMR



# The Path to the Antibiotic Resistance Coalition (ARC)



## Declaration on Antibiotic Resistance

## Antibiotic Resistance Coalition

### Thematic Action: Access, Not Excess

Curbing excessive use while ensuring access for people in need

### Thematic Action: Non-human Use

Tackling excessive non-human use in food and agriculture

### Thematic Action: Innovation

Developing an effective innovation system for new antibiotics, diagnostics and other tools that supports health, access and rational use

## International Action and Cooperation

Source: <http://www.ABRDeclaration.org>

# Formation of ARC

## Antibiotic Resistance Coalition



## PRESS RELEASE

22 May, 2014

### **Act now, or face catastrophic post-antibiotic era**

*Global civil society coalition issues grave warning to World Health Assembly,  
urges leadership and action*

GENEVA—The Antibiotic Resistance Coalition, comprising civil society organisations and stakeholders from multiple sectors on six continents, has called on World Health Organization (WHO) Member States to pass a critical resolution (*Combating antimicrobial resistance, including antibiotic resistance*) at the 67<sup>th</sup> World Health Assembly that would spark concerted global action to control the escalating antimicrobial resistance crisis.

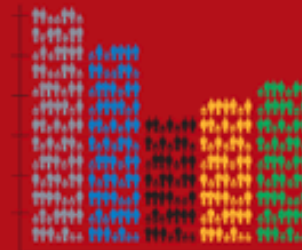
# Thematic Area: Ensuring Access, Not Excess



- Principles:
  - Securing access for everyone is as vital as curbing overconsumption.
    - Need for monitoring access as well as conservation.
  - Stewardship practices should be translated through improved, independent training of healthcare professionals.
  - Strengthening of health systems is needed to ensure both development and implementation of strong regulatory policies.
- Treatable infectious diseases – 5.7 million/year
- Pneumonia + Diarrhea – 1 out of 4 children under 5 years of age
  - **Fewer than a third** with suspected pneumonia receive antibiotics globally [LACK OF ACCESS]
  - **Less than 4 in 10 children** receive appropriate treatment for diarrhea [PROBLEM OF EXCESS]



# Monitoring Affordability and Availability

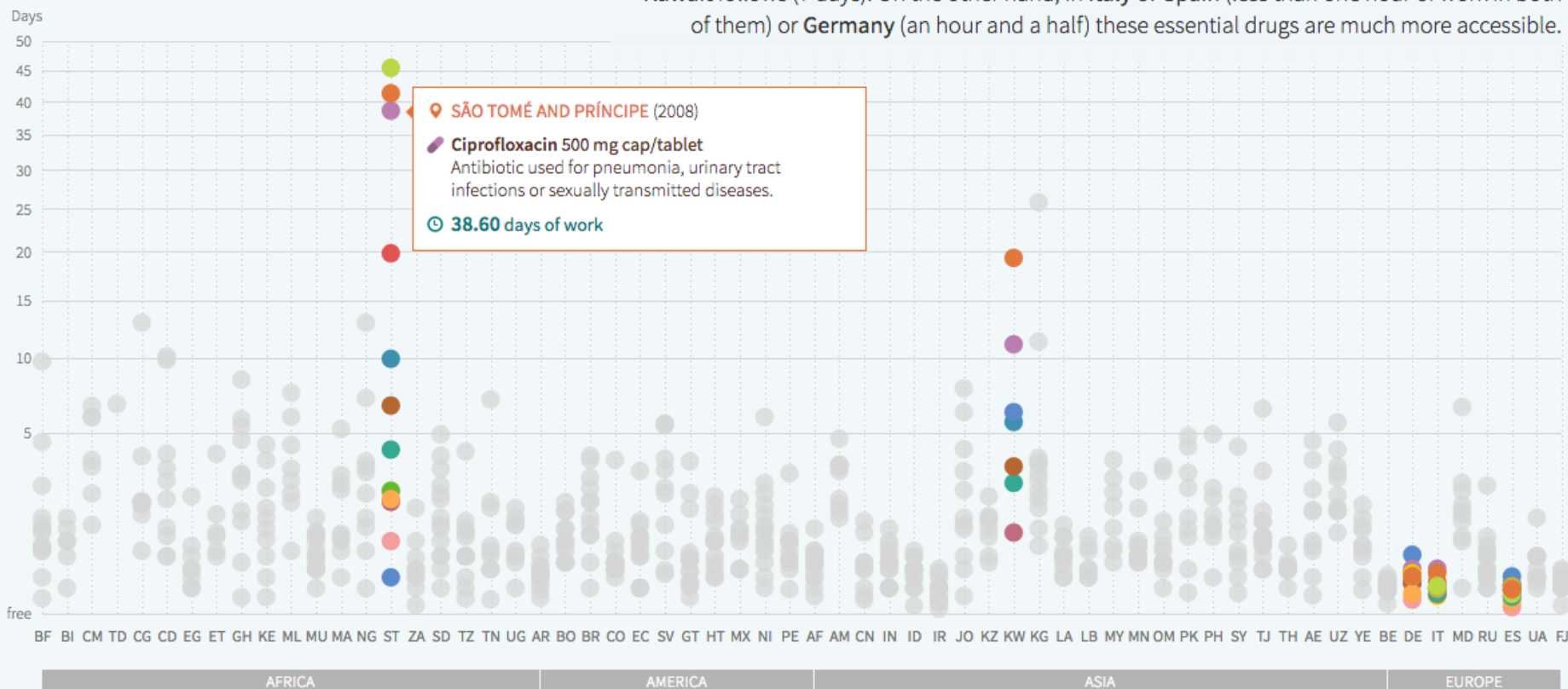


Measuring  
medicine prices,  
availability,  
affordability and price  
components



## Where are medicines least affordable?

If you lived in **São Tomé and Príncipe** you'd need to work 14 days on average to pay for the treatment of one of the 14 drugs analysed. It's the country where medicines are least affordable. **Kuwait** follows (7 days). On the other hand, in **Italy or Spain** (less than one hour of work in both of them) or **Germany** (an hour and a half) these essential drugs are much more accessible.



# Engaging Health Professionals on Stewardship

- **Ecumenical Pharmaceutical Network/ReAct Africa**
  - Establishing and promoting hand-washing practice (Christian Health Association of Malawi)
  - Raising general awareness through media (Zimbabwe Association of Church-related Hospitals)
  - Improving adherence to Standard Treatment Guidelines (Gertrude's Children's Hospital in Kenya)
- **Health Care Without Harm**
- **Health Action International**



*Clinician Stories About Antibiotic Resistance*

**Get Smart About Antibiotics Week**

NOVEMBER 14-20<sup>TH</sup> 2016

Join the national conversation!

**#GetSmartWeek**





# Resisting Drug Promotion and Marketing

## AMSA Scorecard

Conflicts of interest  
policies at American  
academic medical  
centers



## How Does NaRCAD Work?



1. Work to reduce the  
development of antimicrobial  
resistance



Support appropriate  
use and improved  
stewardship

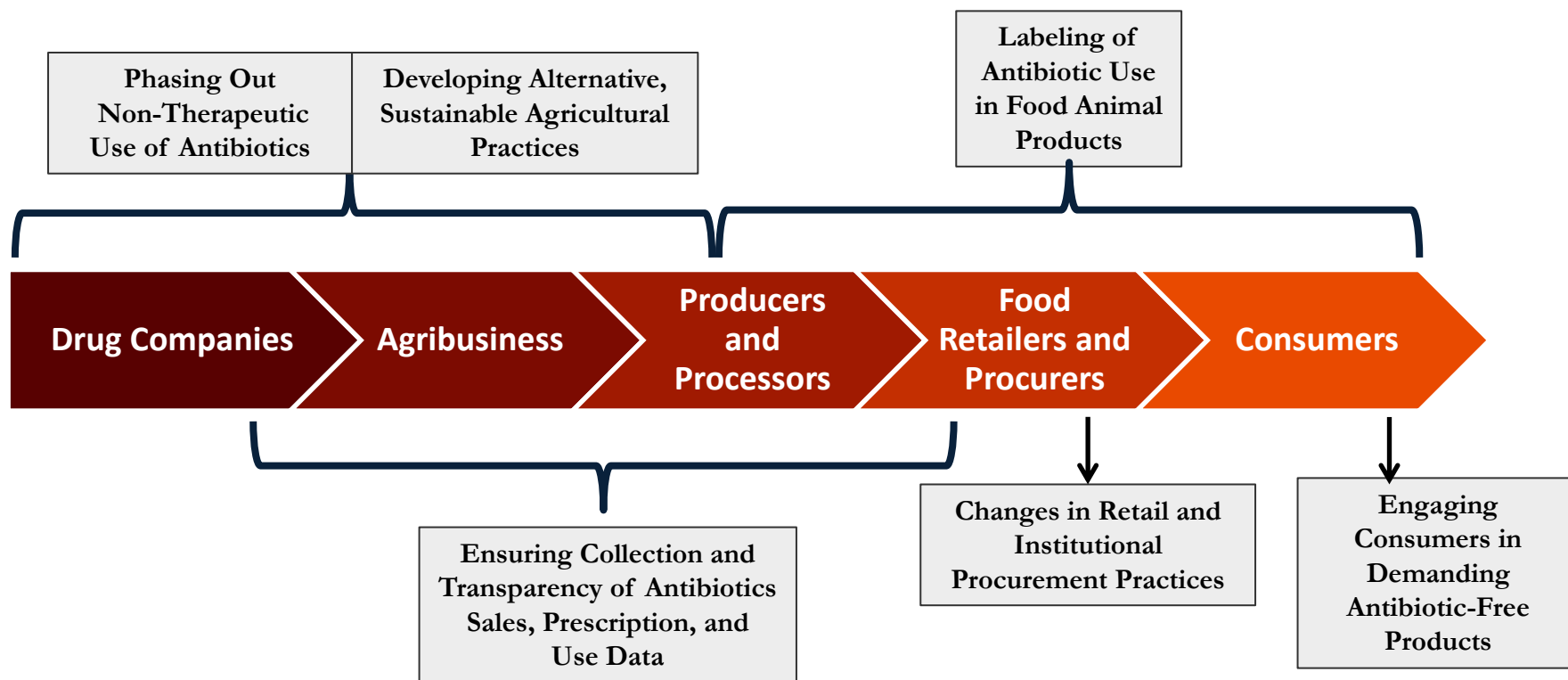


Encourage infection  
control



Support the one  
health approach and  
responsible use

# Thematic Area: Curbing Non-Therapeutic Antibiotic Use in Food and Agriculture



# Antibiotics Off The Menu



## 2016 Scorecard on Antibiotics Policies and Practices

A	 							
B	 							
C+			C			C-		
D+			D					
F	               							

# Engaging Health Professionals



The Telegraph

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★ News

### Brexit Britain should lead the way by banning mass antibiotic use in agriculture, says top doctors





# Shifting Procurement Practices

## Menu of Change

HEALTHY FOOD IN HEALTH CARE

A 2015 Program Report with Highlights and Survey Results

## Sustainably-Raised Meat and Poultry

HEALTH CARE PROCUREMENT GUIDE



## Choosing Seafood for Health Care

A WHITE PAPER FROM HEALTH CARE WITHOUT HARM

## GIVE KIDS RESPONSIBLY RAISED CHICKEN IN SCHOOL LUNCHES

The routine overuse of antibiotics to help animals survive crowded, unsanitary conditions on factory farms promotes antibiotic-resistant "superbug" bacteria and threatens our health. The U.S. Department of Agriculture can help combat this growing danger by offering chicken raised without the routine use of medically important antibiotics to schools nationwide and help ensure that every student can have a better lunch at school. Urge USDA to put our kids' and families' health first by offering responsibly raised chicken to schools across the country.





# Making an Investment Case for Curbing Overuse in Food Animal Production

## Superbugs and Super Risks: The Investment Case for Action

A briefing for investors



# Thematic Area: Catalyzing Innovation to Address AMR



Research need	Human Use	Animal Use
Innovation of Technology	Drugs, vaccines, diagnostics and other health technologies	Vaccines and diagnostics for animals
Innovation of Practice (Stewardship)	Practices that encourage access, but not excess in Healthcare Delivery	Practices that encourage Sustainable Agriculture, curbing non-therapeutic use of antibiotics

# Aligning Incentives for Antimicrobial Innovation with the Public Interest



**SOUTH  
CENTRE**



**UAE**m  
UNIVERSITIES ALLIED FOR ESSENTIAL MEDICINES

# First Open License for MDR-TB Drug at US University



## The Medicines Patent Pool Announces First Licence for Tuberculosis Treatment

*In an effort to improve the international response to combatting multidrug-resistant TB, MPP and Johns Hopkins University sign licensing agreement for investigational treatment sutezolid*

Geneva, 25 January 2017 — The Medicines Patent Pool today announced that it has signed a [licence](#) with Johns Hopkins University to facilitate the clinical development of tuberculosis (TB) drug candidate sutezolid. The antibiotic sutezolid has long been considered a promising investigational treatment that, if further developed in combination with other drugs, could be used to more effectively treat both drug-sensitive and drug-resistant TB in patients.

**UNAEM**  
UNIVERSITIES ALLIED FOR ESSENTIAL MEDICINES

**TAG**  
Treatment Action Group

**ACCESS**  
CAMPAIGN  
MEDECINS SANS FRONTIERES

**TBCAB**  
GLOBAL TB COMMUNITY ADVISORY BOARD

**Urge Johns Hopkins University to Important TB Innovation & Keep it**

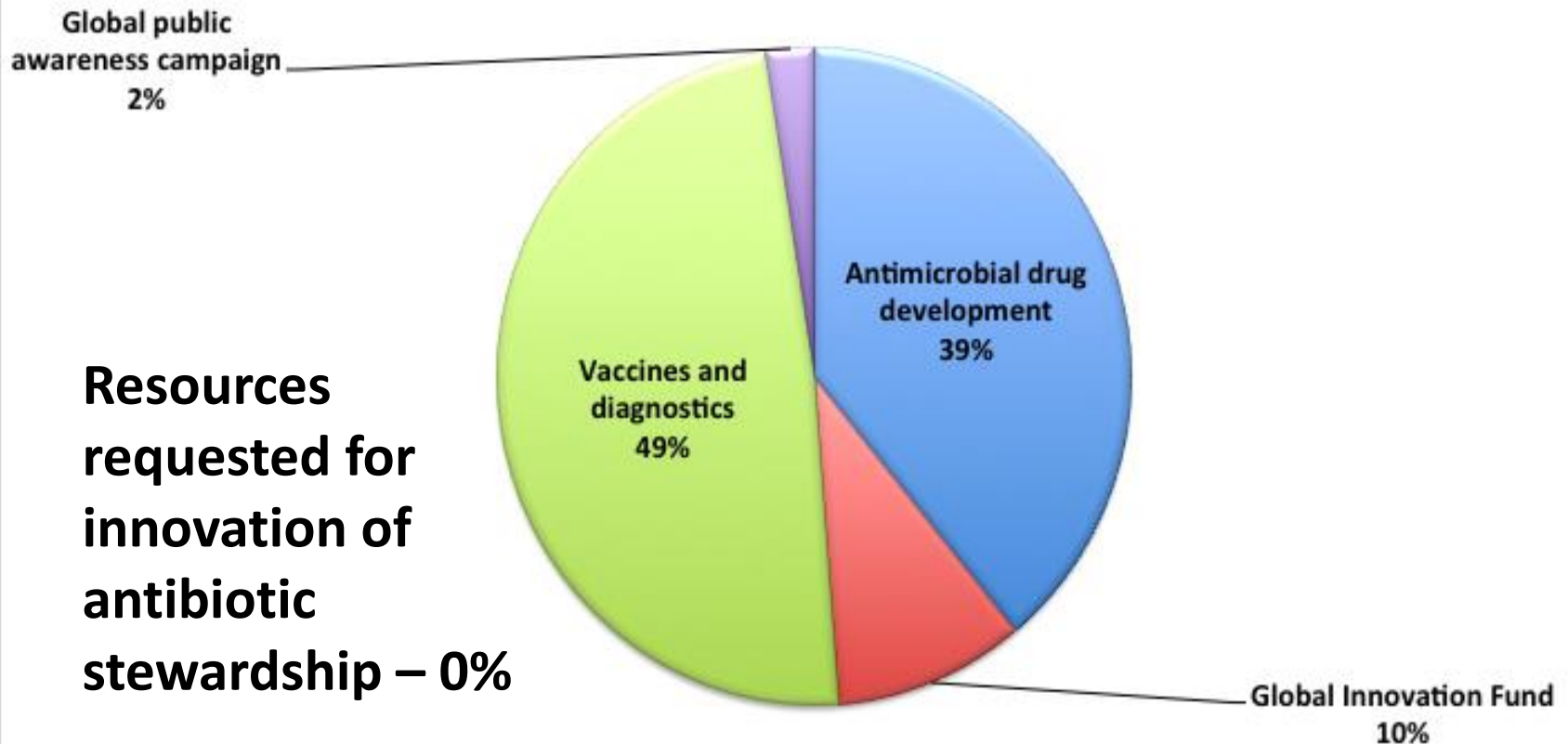
**PUBLICCITIZEN**



# Investing in the Neglected Areas of Innovation for AMR



Proposed Resources for Recommendations from UK Review on AMR





# International Action and Cooperation



Permanent Mission of the Argentine Republic  
United Nations  
Ministry of Foreign Affairs and Worship

MÉXICO  
MISION PERMANENTE DE MÉXICO  
ANTE LAS NACIONES UNIDAS

KINGDOM OF THE NETHERLANDS  
UNITED NATIONS SECURITY COUNCIL  
CANDIDATE 2017-2018

Permanent Mission of South Africa  
to the United Nations

ROK-UN  
REPUBLIC OF KOREA  
UNITED NATIONS

PERMANENT MISSION OF SWEDEN  
TO THE UNITED NATIONS

United Kingdom  
Mission to the  
United Nations

PERMANENT MISSION  
OF THE SOCIALIST REPUBLIC OF VIETNAM  
TO THE UNITED NATIONS

The Permanent Missions of  
Argentina, Mexico, the Netherlands, South Africa,  
the Republic of Korea, Sweden, the United Kingdom of Great Britain  
and Northern Ireland and Viet Nam cordially invite you to the briefing event:

**MEETING THE  
MULTISECTORAL CHALLENGE OF  
ANTIMICROBIAL RESISTANCE**

with Keynote by Lord O'Neill on the AMR Review

Monday, 6 June 2016  
Briefing: 2-4pm and Reception: 4-5pm

Yale Club, Grand Ballroom at 50 Vanderbilt Ave, New York, NY



## HIGH-LEVEL MEETING ON ANTIMICROBIAL RESISTANCE



21 SEPTEMBER 2016, UN HEADQUARTERS, NEW YORK

# Bridging the GAP on AMR




## TOOLBOX

-  UNDERSTAND
-  RAISE AWARENESS
-  MEASURE
-  RATIONAL USE
-  PREVENT INFECTION
-  POLICY
-  ABOUT THE TOOLBOX



# Engaging the WHO AMR Secretariat



## WHO – NGO Dialogue on Antimicrobial Resistance

Monday, 27<sup>th</sup> April 2015

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**Participants:** Keiji Fukuda, Charles Penn, Sangeeta Shashikant, Amit Khurana, Shila Kaur, Arlene Chua, Steve Roach, Shefali Sharma, Mirfin Mpundu, Tim Reed, Anthony So, Tejen Shah, Anja Leetz, Anna Zorzet, Abimbola Olaniran, Cólín Nunan, Elizabeth Wiley, Celine Mattar, IFARMA Foundation, Matthew Enevoldson, Mostafa El Yaminy, Otto Cars, Ravi Ram, Stig Tanzmann, Susanne Kuehle, Richard Young, Mirza Alas, Kazuaki Miyagishima, Constance Georgina, Yoke Ling Chee, Joel Bazira, Garance Upham and Vicente Yu





# A WORLD FREE FROM FEAR OF UNTREATABLE INFECTIONS



Action on Antibiotic Resistance