Antibiotics need to be looked upon as *lifesaving global public good* and not as a commercial commodity

A global failure

- Public policy
- Global governance
- Research prioritization
- Market system

How did we end up here ?

- **Narrow framing as a medical/technical problem**
- **Semanthical confusion**
- **Bacterial infections has not been given a disease face**
- **Lack of data on the burden of antibiotic resistance**
- **A global self-deception that new antibiotics will always be developed**

The drug deve… …eline for antibio…

- The last a… …87 !
- The olde… …ffective due to antibioti…
- The innovativ… …ow

No new drugs for:

- Typhoid fever
- Shigella
- Gonorrhoea
- Urinary tract infections
- Certain blood infections
- ……
- ……..

Muhimbili hospital, Dar es Salaam Tanzania

The mortality rate from Gram-negative bloodstream infection in children (43,5 %) was more than double that of malaria.

Blomberg et al. BMC Infect Dis. 2007

The problem of antibiotic resistance needs to be reframed as **“Access to effective treatment for bacterial infections ”** and put into a **health systems perspective.**

Sustainable, equitable
and affordable

ACCESS TO EFFECTIVE TREATMENT FOR BACTERIAL INFECTIONS

- Needs driven R &D
- Controlled distribution
- Conservation policies
- Prevention of infections

Sustainable, equitable and affordable

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MEASURING THE PROBLEM

- Surveillance of AB resistance and use
- Burden of resistance
- Gap analysis

EDUCATION AND AWAREESS RAISING

- Policy makers
- Health care workers
- Civil society

GOVERNANCE

- Global agreements
- Targets
- Accountability

FINANCING

- Public sector
- Private sector
- Philantropists

Sustainable, equitable and affordable

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COLLABORATION

- Within governments
- Between governments
- Between international organizations
- Between universities and science academies
- Between civil society organizations
- Between people

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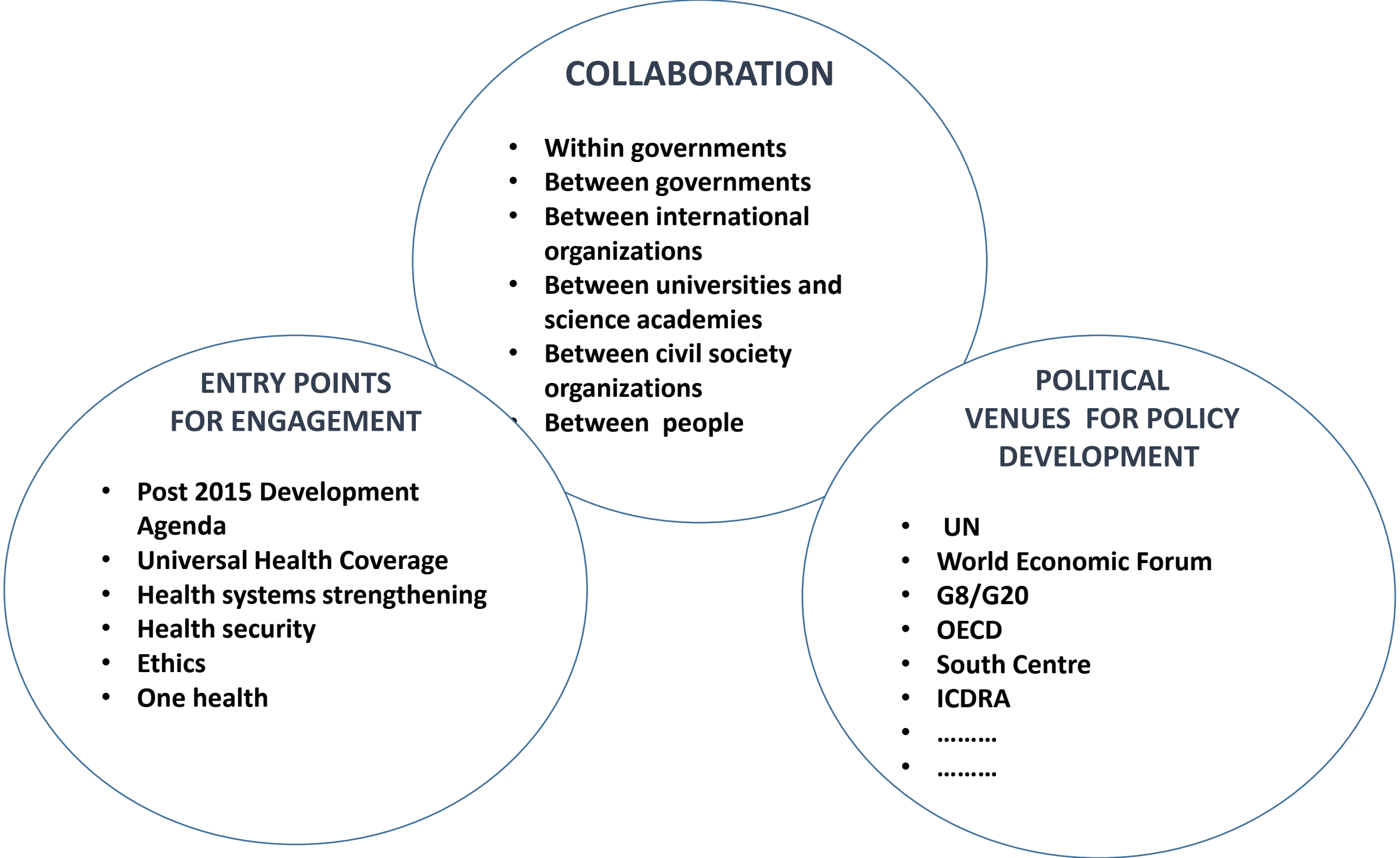
ENTRY POINTS FOR ENGAGEMENT

- Post 2015 Development Agenda
- Universal Health Coverage
- Health systems strengthening
- Health security
- Ethics
- One health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World Economic Forum
G8/G20
OECD
South Centre
ICDRA
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ReAct
Action on Antibiotic Resistance