Capacity building and expansion of AMR data volume in Bangladesh

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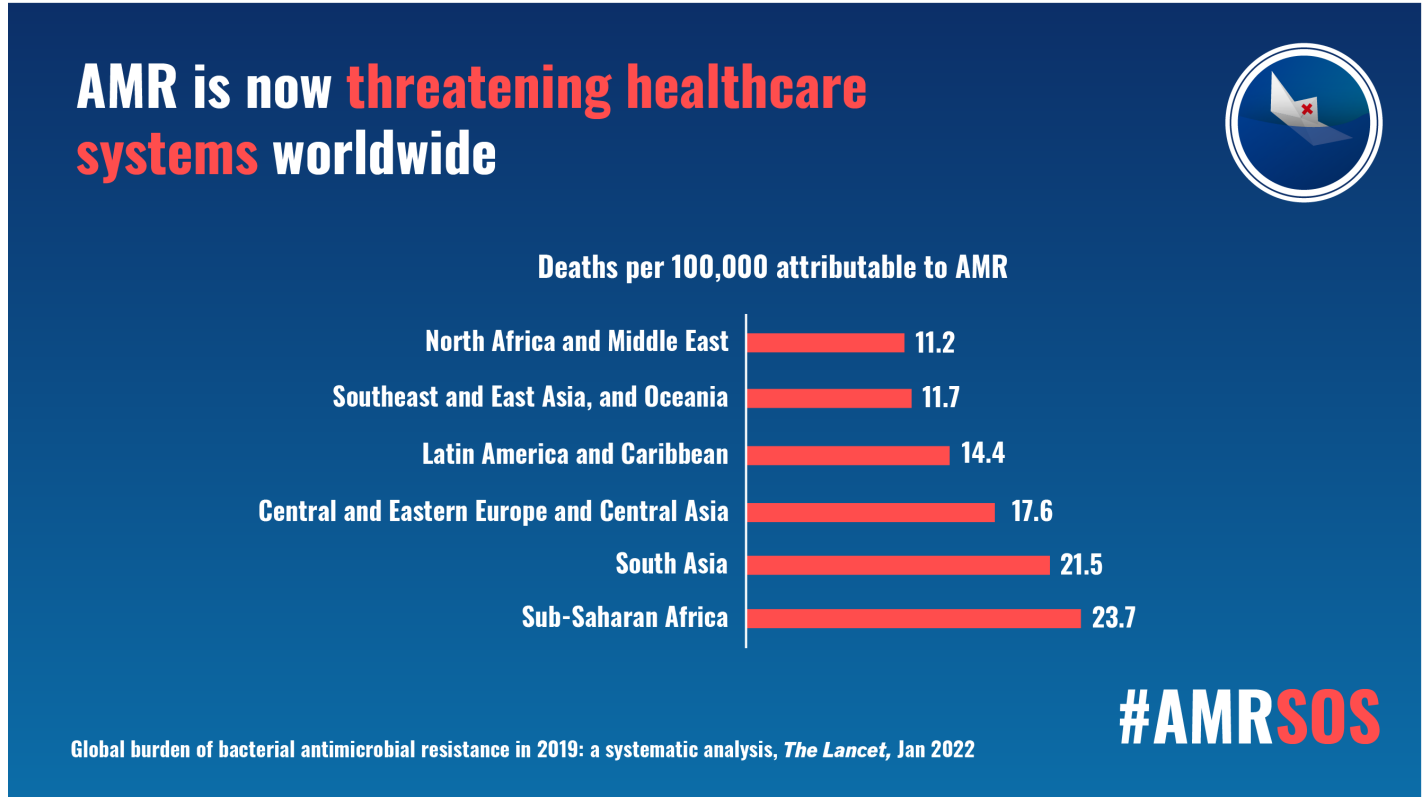
AGENDA

1. Background, Bangladesh AMR data volume and potential sources
2. Data collection, quality control and capacity building
3. CAPTURA's contribution to building a foundation for AMR surveillance
4. National and regional level data sharing
5. Initiatives of the Public and Private partnership and ongoing activities

Background

- AMR is **one of the greatest threats to modern medicine**
- Bangladesh is one of the most vulnerable country in regard to AMR
- National AMR Containment Program working in this aspect since 2017

Burden of AMR (present information)



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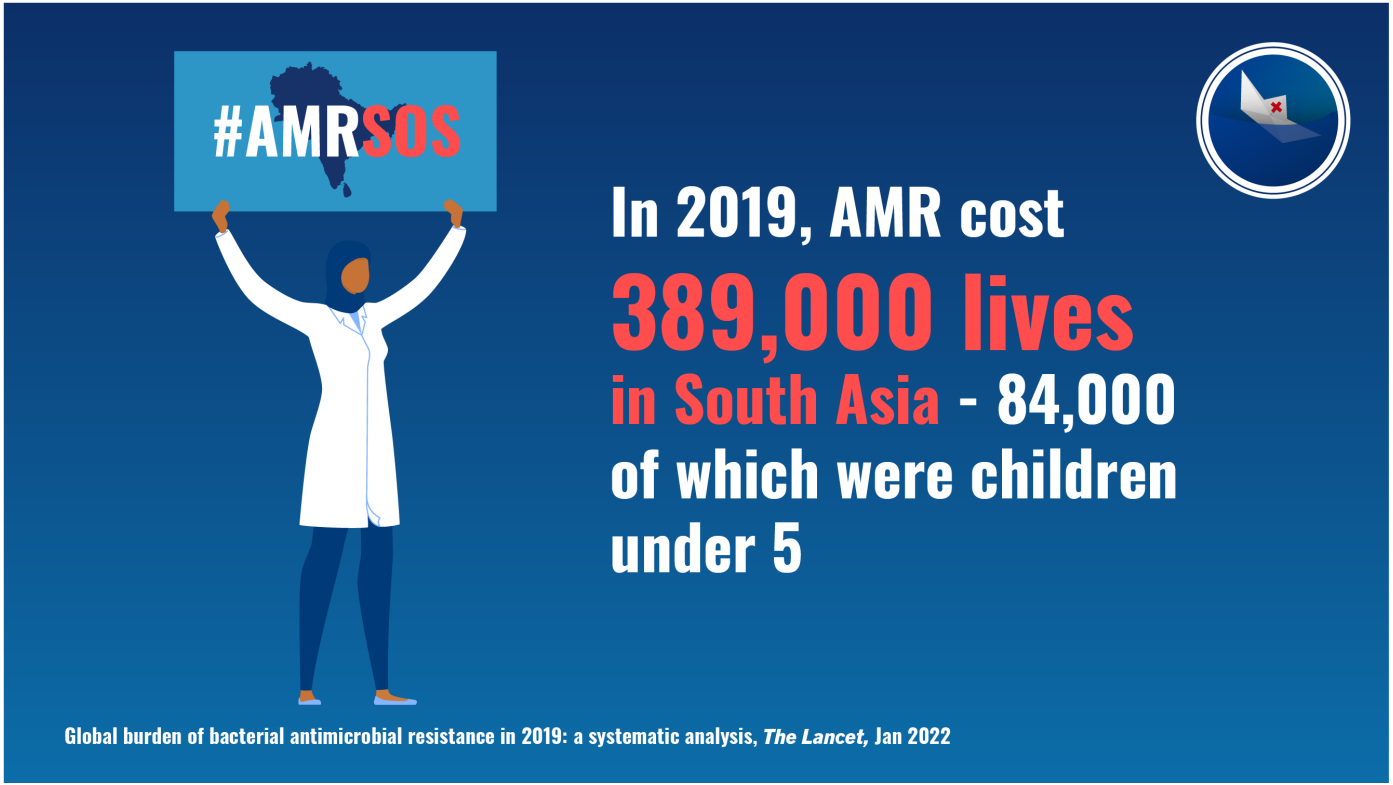
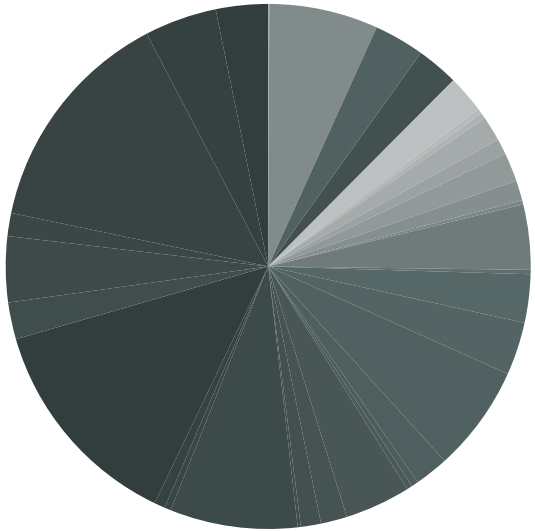


National AMR Surveillance

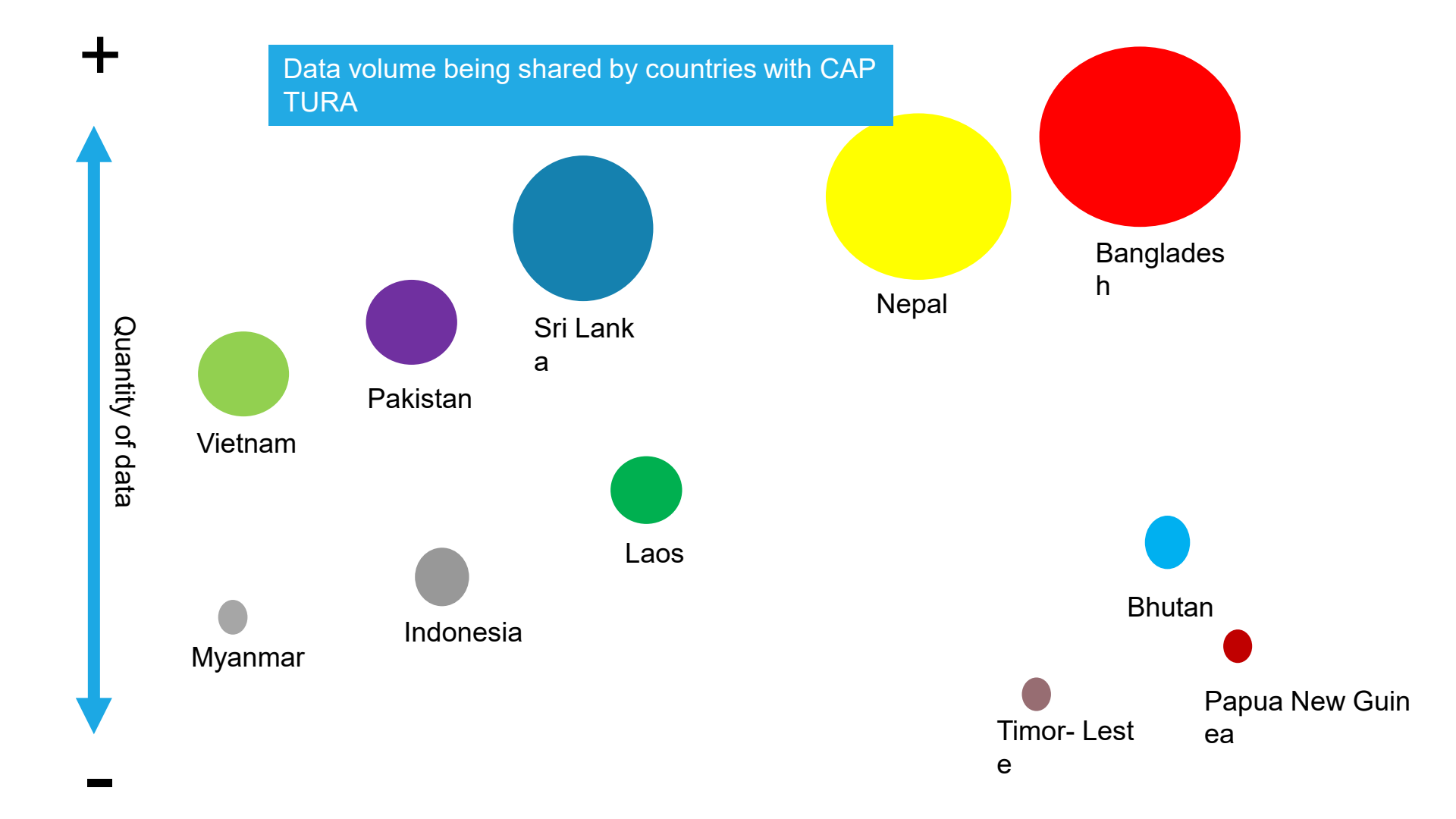
- Run by Institute of Epidemiology Disease Control And Research (IEDCR)
- 9 surveillance sites
- Active surveillance
- Generated around 20 thousand AMR data in last 4 years

AMR DATA VOLUME AFTER CAPTURA

- 90 — Facilities identified and approached
- 46 — Lab Quality Assessment Conducted
- 39 — Data Sharing Agreement
- 34 — AMR Data Shared



Total AMR data volume:
10,40,166


+
Data volume being shared by countries with CAP TURA
Quantity of data
-
Vietnam
Pakistan
Sri Lanka
Nepal
Bangladesh
Myanmar
Indonesia
Laos
Bhutan
Timor- Leste
Papua New Guinea

DATA COLLECTION AND QUALITY

- Collected data from 34 public and private facilities
- 10 public and 24 private facilities
- Quality ensured by double checked of the collected data and WHONET quality control Reports
- Laboratory assessment was done before selecting them

CAPACITY BUILDING

WHONET Training	
No of Labs	No of participants
46* (Includes both Public and Private f acilities)	160+

Continuous technical support

CAPTURA CONTRIBUTION

1. Data generation
2. Capacity Building
3. Rapport between government and laboratories
4. Laboratory Information Management System status
5. Laboratory assessment

DATA SHARING

1. All data from laboratories are their property
2. National Coordination Center for surveillance (CDC)
3. National level data sharing done
4. Regional level data sharing-ongoing

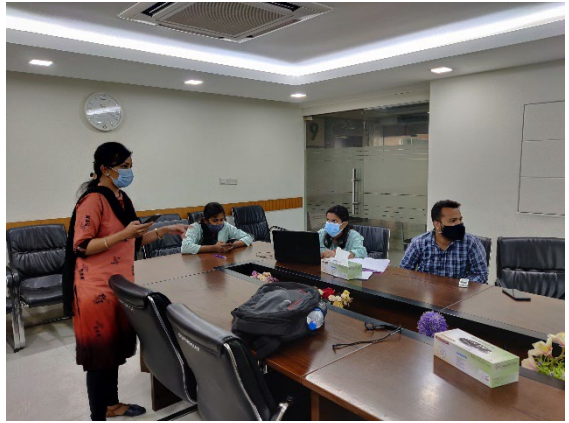
FUTURE INITIATIVES

1. Prospective passive surveillance incorporating lab data from well performing private laboratories
1. Laboratory Quality assurance system involving national referral center for AMR surveillance
2. Strengthening of Laboratory Information Management System
3. Continue capacity development activities

WHONET Training

WHONET Training …

WHONET Training …



CAPTURA Dissemination in Bangladesh

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Thank you