

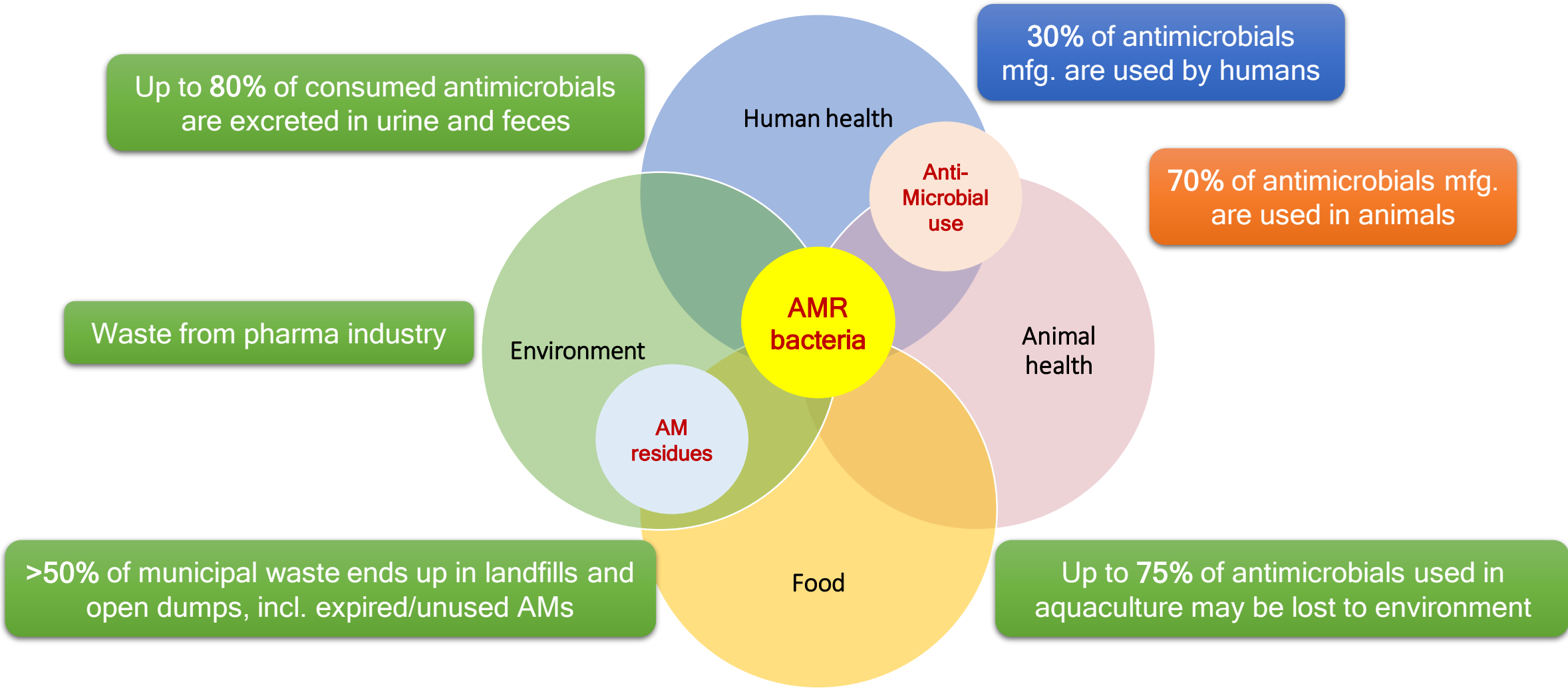


Reimagining the strategy to tackle Antimicrobial Resistance in India

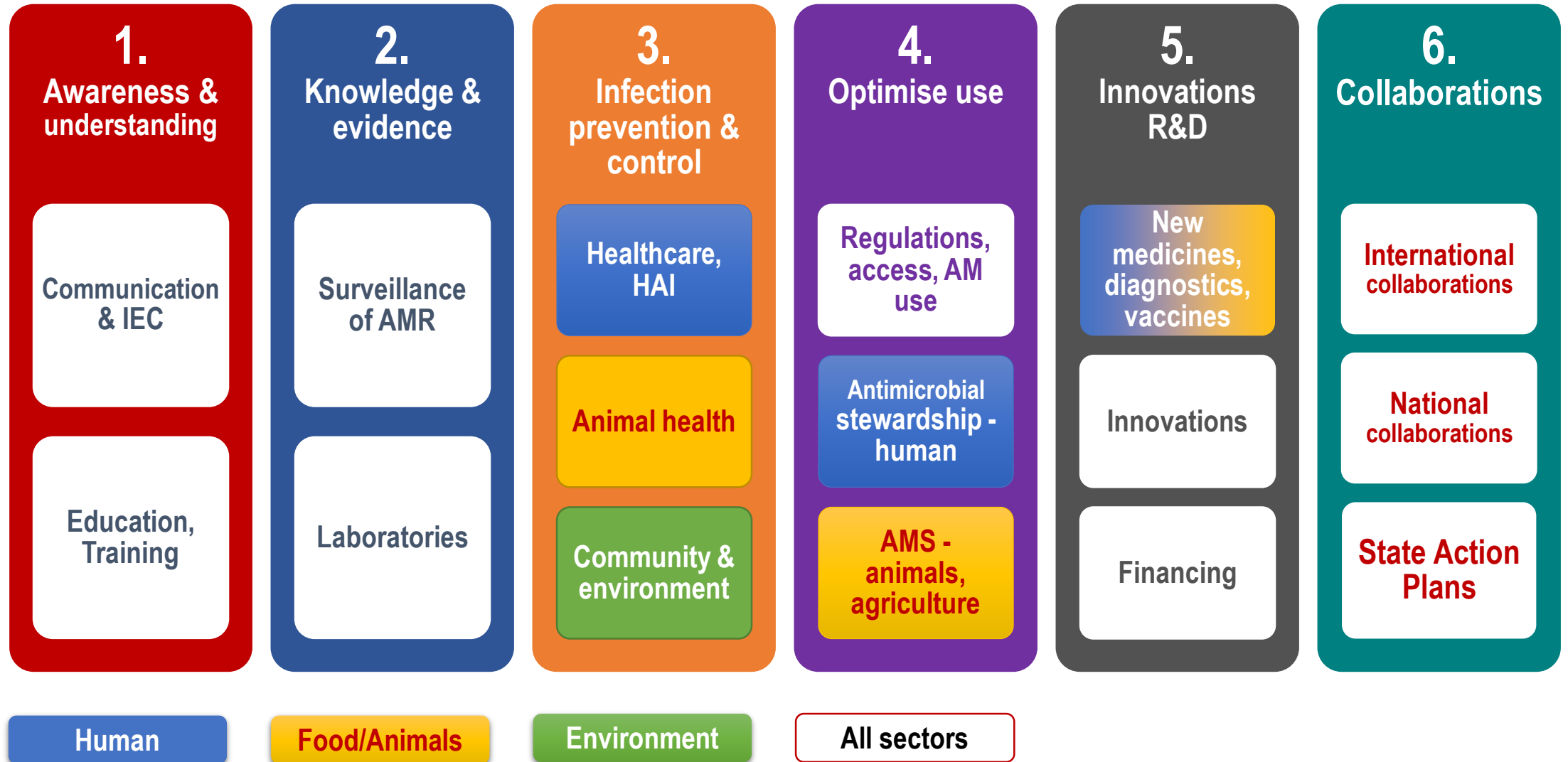


Dr Roderico H. Ofrin
WHO Representative to India

AMR needs **One Health** action



NAP-AMR strategic priorities



Possible strategic options

1.

Awareness & understanding

Communication & IEC

Education, Training

- ➔ Consolidation of communication and information resources
- ➔ eLearning platforms - DIKSHA (Digital Infrastructure For School Education), iGOT, eGurukul, etc.
- ➔ Awareness campaigns or continuous information

2.

Knowledge & evidence

Surveillance of AMR

Laboratories

- ➔ National standards for AMR
- ➔ Alignment of AMR repositories across ministries
- ➔ National AMR report or dashboard

Possible strategic options

3.

Infection prevention & control

Healthcare, HAI

Animal health

Community & environment

- ➔ National IPC Programme
- ➔ Swachh Bharat Mission
- ➔ Ayushman Bharat, PM-JAY
- ➔ *Kayakalp* programme



4.

Optimise use

Regulations, access, AM use

Antimicrobial stewardship - human

AMS - animals, agriculture

- ➔ Surveillance of AM consumption and use - all levels/sectors
- ➔ Implement treatment guidelines for AM use
- ➔ Antimicrobial stewardship programs - all levels/sectors
- ➔ AMR in accreditation checklists

Possible strategic options

5. Innovations R&D

New medicines, diagnostics, vaccines

Innovations

Financing

- ➔ One Health AMR research agenda to guide policy making
- ➔ Make in India, *AatmaNirbhar Bharat Abhiyan*
- ➔ Sustainable funding



6. Collaborations

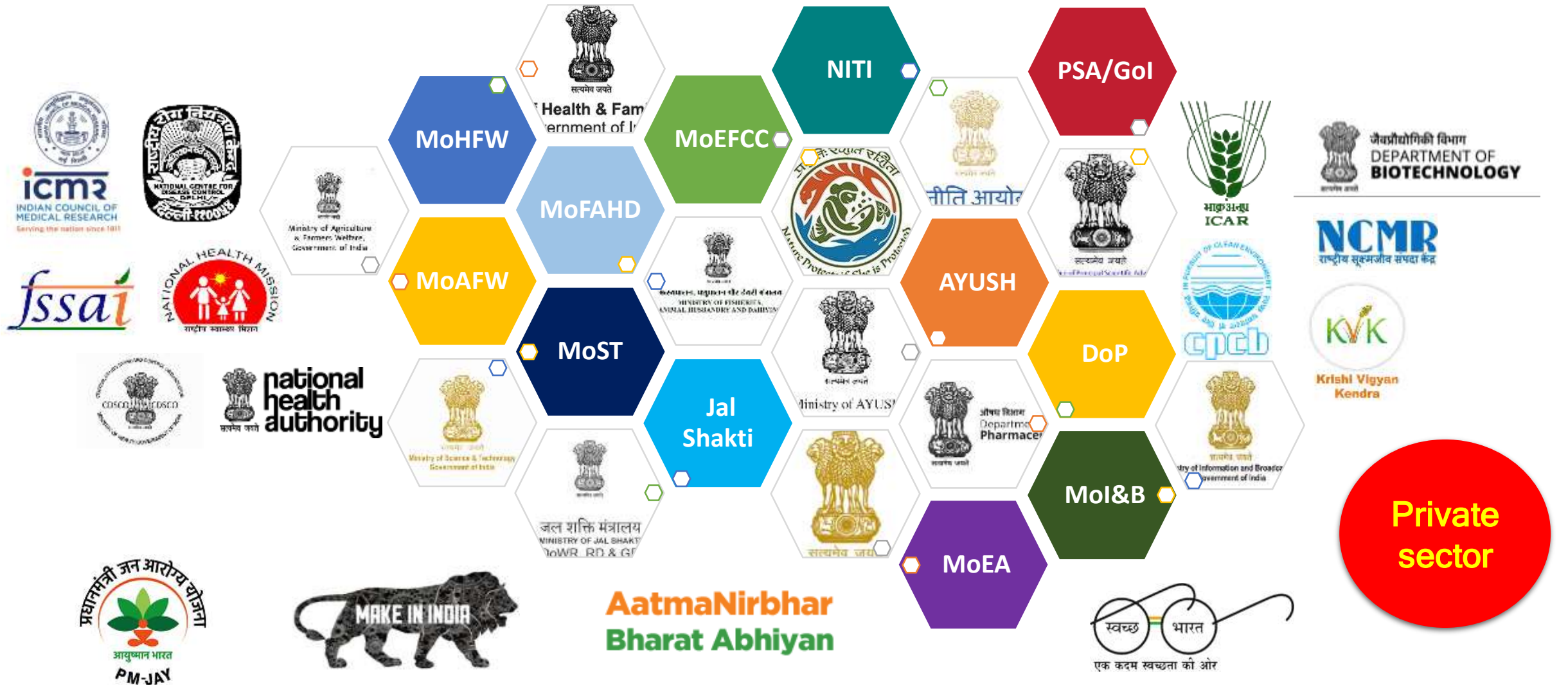
International collaborations

National collaborations

State Action Plans

- ➔ South-South collaboration
- ➔ Systematic information sharing amongst national programs - TB, Malaria, HIV/AIDS/STIs, Leprosy
- ➔ State Action Plans
 - ? Multisectoral One Health coordination
 - ? Alignment with state implementation plans of NHM

One Health – stakeholders



One Health approach – how?

- ➔ ? Review (rethink) NAP-AMR
 - ? Achievements - revise priorities, stakeholders, timelines
 - ? National Authority for Containment of AMR (NACA)
 - ? Strengthening drug regulation in non-human health sectors
- ➔ ? One Health AMR - mission mode
 - ? How to budget AMR workplans, including staff
 - ? Strengthening labs (all sectors) to monitor AMR and AM residues
 - ? Can Centres of Excellence for AMR containment help
- ➔ ? Innovative coordination mechanisms for One Health AMR



Thank you



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