



# *Global Laboratory Initiative*

Session 4-Expanding and accelerating  
laboratory services through  
innovative partnerships



## *Expanding and accelerating laboratory services through innovative partnerships*

- Laboratory capacity strengthening
- UN definition of “capacity”:  
Capacity is the process by which individuals, organizations and society develop abilities to perform functions, solve problems and set and achieve goals premised on ownership, choice and self-esteem.



## *Key features of capacity building*

1. Capacity should be treated as a goal in its own right, not merely as a means for achieving other development objectives;
2. Capacity strengthening should address the three dimensions of capacity: human, organizational and institutional capacity;
3. Supply, need and demand factors shape capacity constraints and capacity strengthening opportunities and outcomes.



## *Three dimensions of capacity*

### **Human capacity**

Individuals with skills to analyze needs, design and implement strategies, policies and programs and monitor

### **Organizational capacity**

Groups of individuals bound by common purpose, clear objectives and internal processes, systems, staffing and other resources to achieve them

### **Institutional capacity**

Formal rules and informal norms that provide the framework of goals and incentives within which organizations work (societal context)



# *Laboratory capacity strengthening*

## **Human capacity**

- Pre-service training
- In-service training
- Post-graduate training
- Training materials
- Consultancy

## **Organizational capacity**

- (Q)-management
  - SOPs
- Implementation of new Dx (platforms)
- Monitoring and evaluation
- Facilities
  - biosafety

## **Institutional capacity**

- Country lab policy
- Accreditation and certification bodies



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## **Expected outcomes of this session:**

1. Achievements to date and lessons learnt from laboratory capacity strengthening activities
2. Can we develop a SMART action plan for 2010; which (new) partnerships do we have to build?

## **Relevant questions to ask ourselves:**

- Do we cover all dimensions of capacity (human, organizational and institutional)?
- Do we cover both the supply and need/demand side?
- Do we cover both the public and private sector?