

Institute of Medicine

The President's Emergency Plan
Strategic Information

April 21, 2005

Questions of Interest

- What is the framework to evaluate The Emergency Plan?
 - Measuring impact and outcomes
 - Evidence-based practice
- How do we help create a culture of data use among our target audiences?
 - Public
 - Congress and the White House
 - Country hosts
 - UNAIDS, WHO, Global Fund and others
 - USG agencies (headquarters and countries)

Questions of Interest

- In what ways have we organized The Emergency Plan USG strategic information effort?
- Potential areas for IOM assistance to “identify the success rates of the various programs and methods used under the strategy” legislated by the Leadership Against HIV/AIDS, TB, and Malaria Act of 2003?

Question 1

What is the framework being used to evaluate The Emergency Plan?

- Measuring impact and outcomes**
- Evidence-based practice**

A Public Health Questions Approach to Unifying SI/M&E

Are we doing prevention, treatment, care on a large enough scale?

Determining Collective Effectiveness

OUTCOMES & IMPACTS MONITORING

Are collective efforts being implemented on a large enough scale to impact the epidemic (coverage; impact)? • **Surveys & Surveillance**

Monitoring & Evaluating National Programs

OUTCOMES

Are interventions working/making a difference? • **Outcome Evaluation Studies**

Are we doing them right?

OUTPUTS

Are we implementing the program as planned? • **Outputs Monitoring**

ACTIVITIES

What are we doing? • **Process Monitoring & Evaluation, Quality Assessments**

Are we doing the right things?

INPUTS

What interventions and resources are needed? • **Needs, Resource, Response Analysis & Input Monitoring**

Understanding Potential Responses

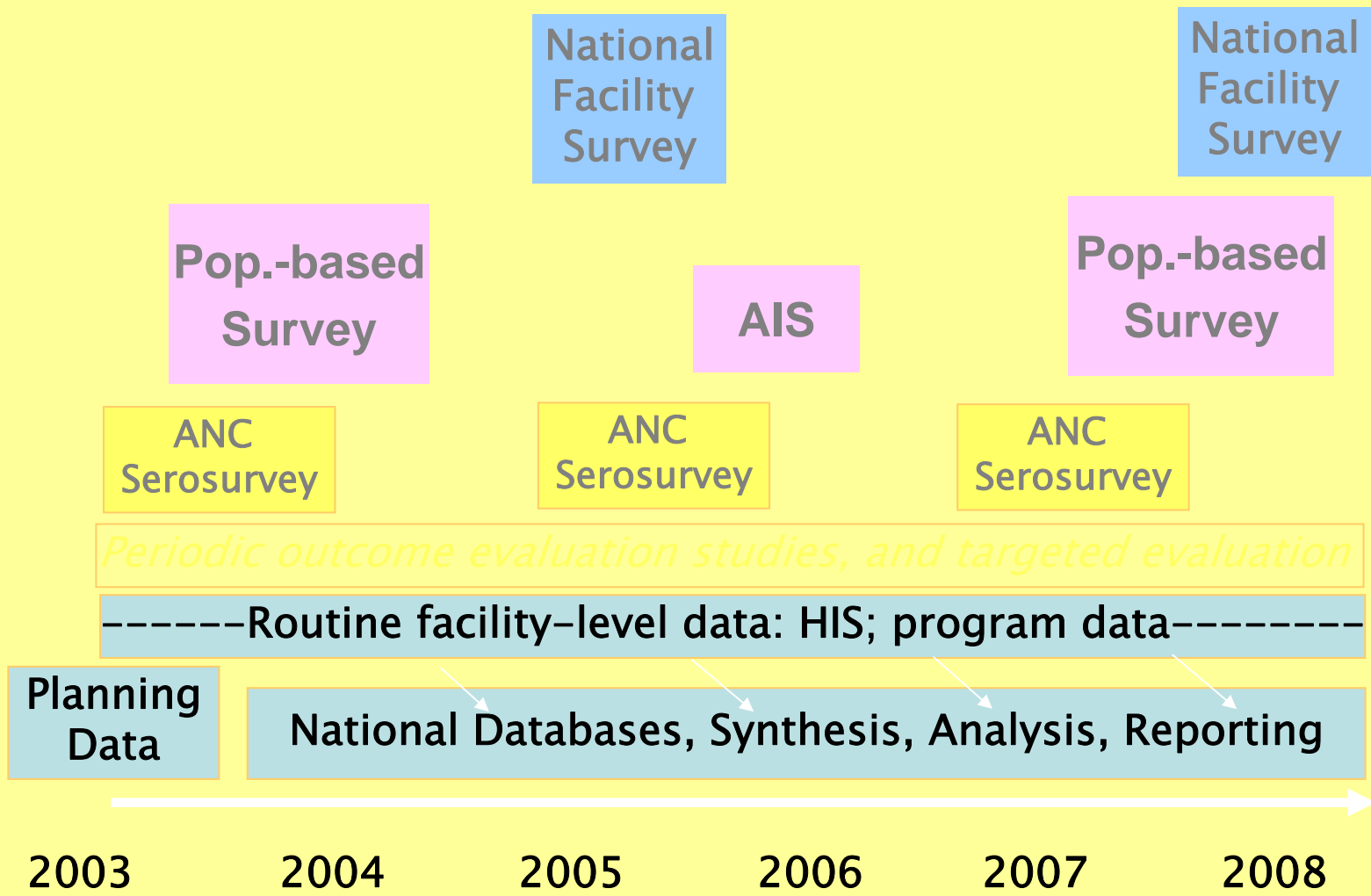
What interventions can work (efficacy & effectiveness)? • **Special studies, Operations res., Formative res. & Research synthesis**

What are the contributing factors? • **Determinants Research**

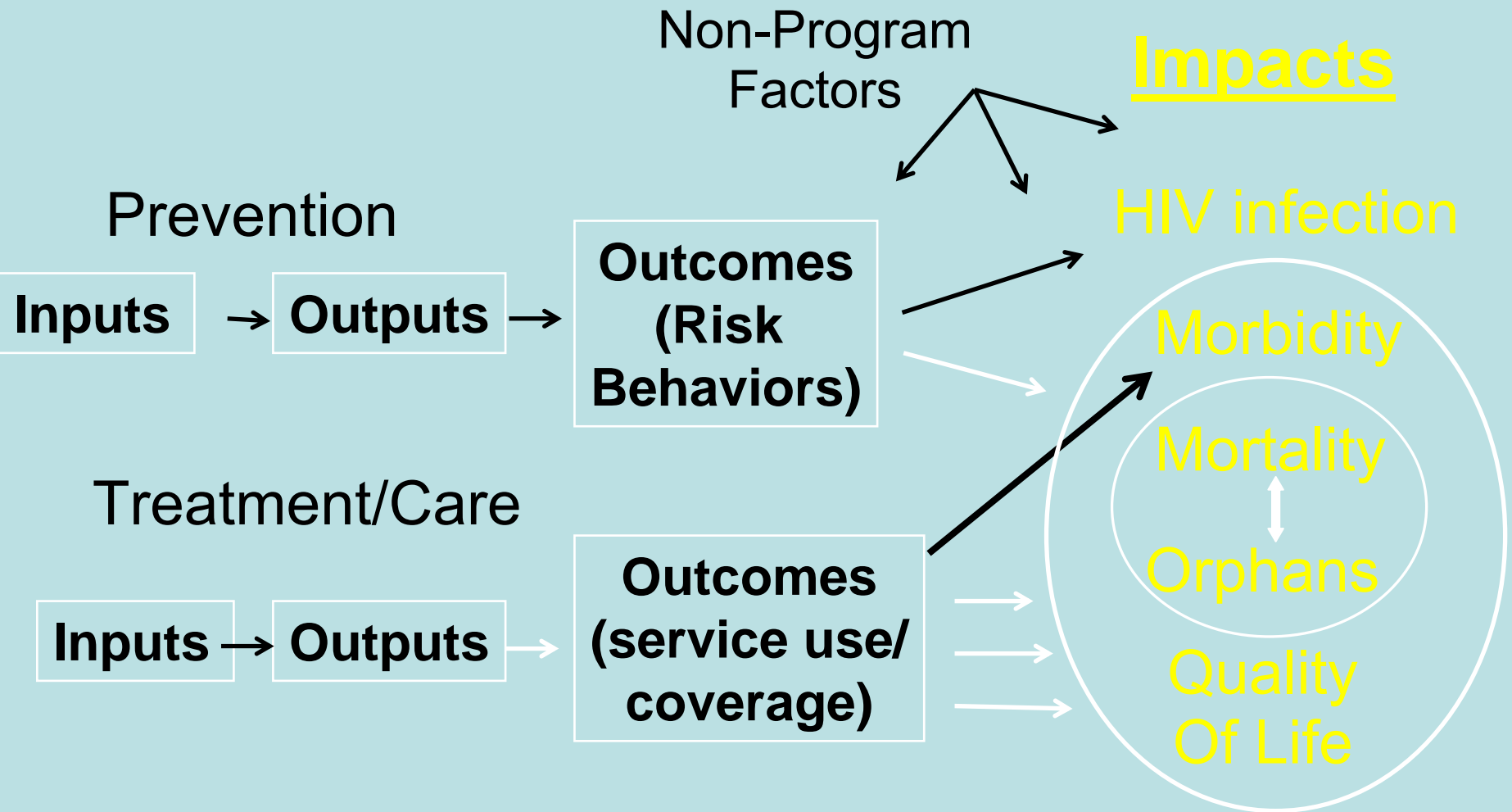
Problem Identification

What is the problem? • **Situation Analysis and Surveillance**

Strategic Information for a National HIV/AIDS Program



General Framework for Monitoring Activities and Impacts



Surveillance

- Behavioral Data
 - Targeted populations
 - BSS: Behavioral Surveillance Survey
 - PLACE: Priorities for local AIDS control efforts
 - CDC Behavior Surveys
 - Treatment Cohort Study
 - General populations
 - DHS: Demographic Health Survey
 - AIS: AIDS Indicators Survey
 - BSS: Behavioral Surveillance Surveys

Behavioral Indicators

- Of all never-married women and men, percent who had sex in the last 12 months.
- Percent of women and men who had sex with more than one partner in the last twelve months.
- Percent of men reporting sex with a sex worker in the last 12 months who used a condom during last paid intercourse.

Identifying Best Practices

- Headquarters Initiated Targeted Evaluations
- Country Initiated Targeted Evaluations
- 2nd Annual Field Meeting: Supporting National Strategies; Building on Success
- Communication of prevention, treatment, and care intervention research summaries
- Knowledge Management Initiative
- Coordination with International Evaluation initiatives
- Program Guidance

2005 Targeted Evaluations

- **Headquarters:**

- Prevention: PMTCT, Abstinence in Youth
- Treatment: monitoring ART; ARV Adherence, Costs of ARV
- Care: Orphans and Vulnerable Children, Palliative Care

- **Countries:**

- Improving Pediatric Treatment Access (South Africa)
- Service Provision for OVCs (Uganda)
- Effectiveness of school-based clubs for promoting abstinence and faithfulness (Zambia)
- Home-based counseling and testing pilot (Botswana)

Challenges: Framework Implementation

- How do we evaluate a new way of doing business?
- Estimate infections in an era of ARV treatment?
- Measure care, including OVC services in the presence of multiple interventions with varying duration?
- Introduce quality measurement as part of quality improvement?
- Build medical records and reporting systems that are sustainable?
- Evaluate the impact of portfolios of activities?

Strategic Information

“The Emergency Plan is built on four cornerstones... (4) implementing strong strategic information systems that will provide vital feedback and input to direct our continued learning and identification of best practices.”

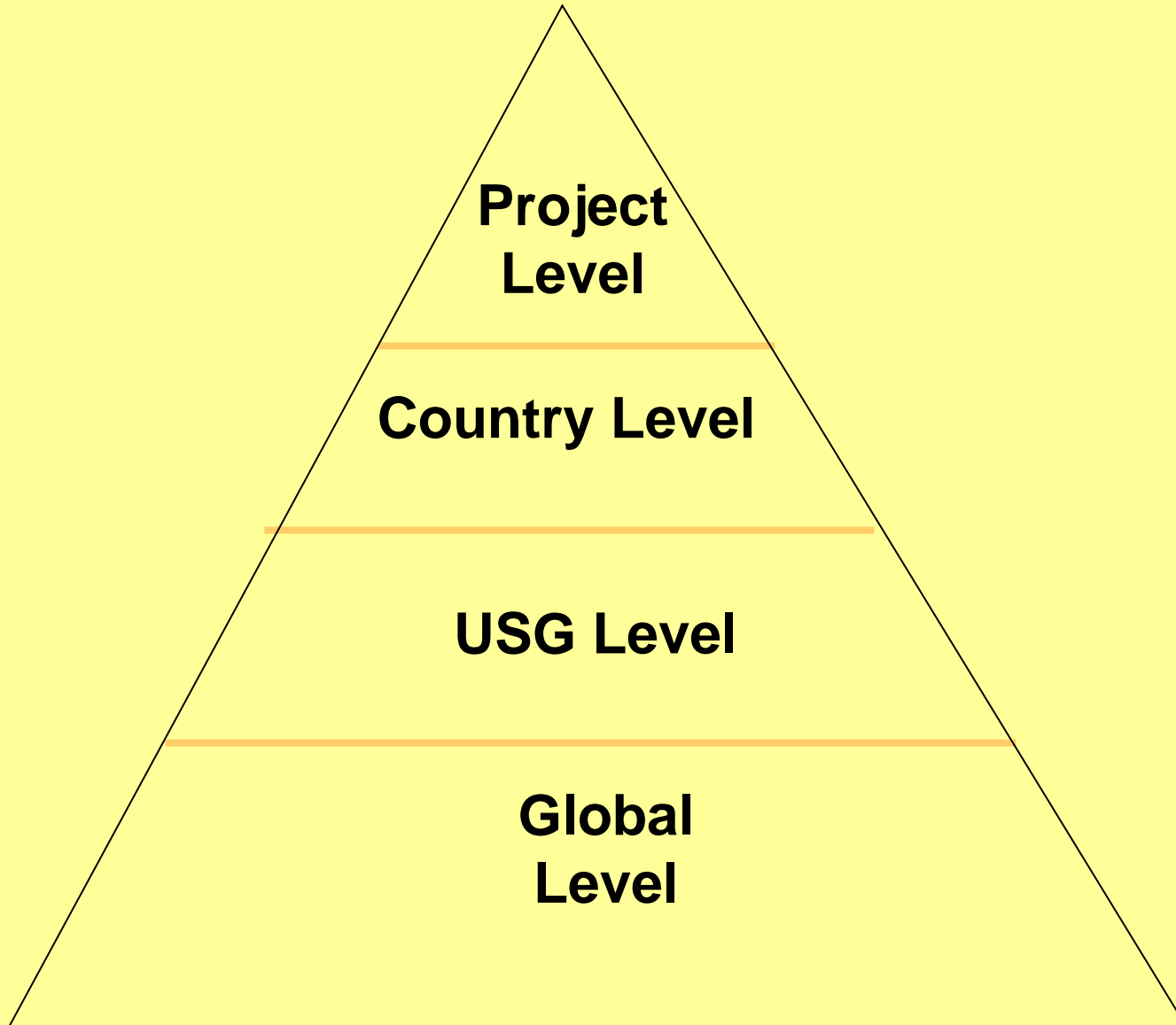
*Ambassador Randall L. Tobias, U.S. Global AIDS
Coordinator*

Washington, DC, May 18, 2004

Question 2

How do we support/create a culture of data use among our target audiences?

Target Audiences



Surveys: Targeting Interventions

Percent of never-married women (15-24) who report have never had sex:

>80% Ethiopia and Rwanda

<40% Cote d'Ivoire and Mozambique

Percent of men reporting sex with a sex worker in the last twelve months who used a condom during the last paid intercourse

>60% Kenya, Namibia, Uganda

≤30% Haiti, Mozambique

Percent of HIV-Infected pregnant women receiving a complete course of ARV prophylaxis to reduce the risk of MTCT:

>10% Botswana, Guyana

COPRS Program Monitoring

- Annual program area targets and activities, e.g. MTCT.
- Partner program activities, targets, target groups, emphasis areas, e.g., service delivery to 500 pregnant women and training 50 service providers.
- Planned partner allocations
- Obligations, bi-annual results (narrative and numbers)

Data Use Initiatives

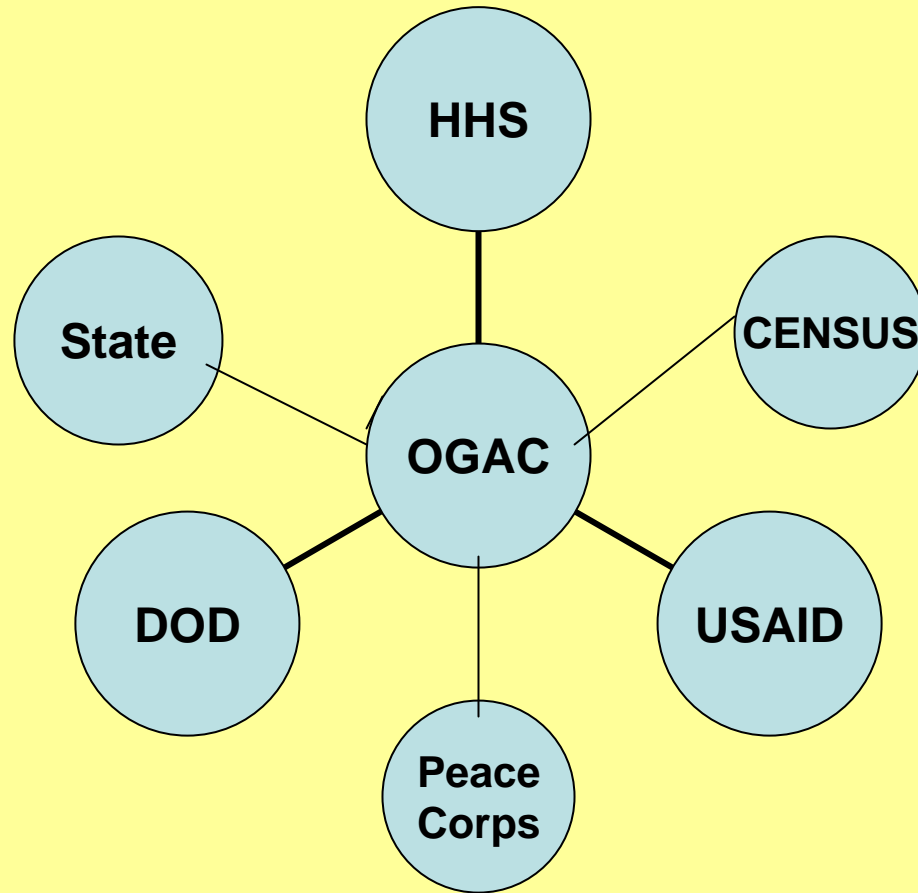
- Country USG team training in COPRs uses with Census Bureau,
- CDC and USAID (Measure Evaluation) identification of best practices and success stories in data use, e.g., Rwanda leveraging program funds,
- HMIS country assessments, e.g., Haiti and Zambia, SI strategic planning support
- Headquarters COPR use training

Question 3

How have we organized Emergency Plan strategic information efforts?

- **Functions**
- **One annual multi-agency SI planning and budget cycle**
- **Integration of SI into Emergency Plan headquarters structures and core teams**

USG SI Organization



One Annual SI Work Plan and Budget Cycle:

2004-05 SI Focus Areas:

- Indicators and Results
- Surveillance
- HMIS
- Support to the Field
- Capacity Building
- Targeted Evaluations
- Institute of Medicine Study

USG SI Organization (1)

Technical Workgroups:

- Indicator Development and Reporting Guidelines
- Management Information Systems, including reporting databases
- Surveillance and Surveys
- Monitoring and Evaluation Capacity Building
- Targeted Evaluation Sub-Committee/ Science Committee

USG SI Organization (2)

Integration with program and policy shops:

- SI USG Headquarters advisors on focus country Teams
- SI USG SI liaisons and teams within each USG HIV country team
- SI Advisors also serve as representatives on program services technical teams
- Policy Group and Deputy Principals
- SI Coordinating Committee

Organizational Challenges

- Establishing roles and responsibilities that cross-agencies;
- Planning and preparing for other Emergency Plan country reporting;
- Institutionalizing SI functions throughout the Emergency Plan;
- Knowledge management and communication;

Question 4: IOM

Potential areas for IOM assistance in “identifying the success rates of the various programs and methods used under the strategy” legislated by the Leadership Against HIV/AIDS, TB, and Malaria Act of 2003?

Situation Assessment?

What is the state of the HIV epidemic in the focus countries? Are Emergency Plan programs addressing greatest need with appropriate targets and services?

Program Coverage?

Is the scale and pattern of the response in proportion to needs and resources?

Can programs be expected to yield public health impact?

Program Effectiveness?

Given understanding of program coverage (in key target populations), are we having the expected/observed impacts of programs?

Are our evaluation methods appropriate?