



From Global Strategy to National Action:
Workshop for Health Service Managers in Charge of
Leprosy Control Programmes

Session 7 Reporting and Monitoring

Topic: From Data to Decision-making



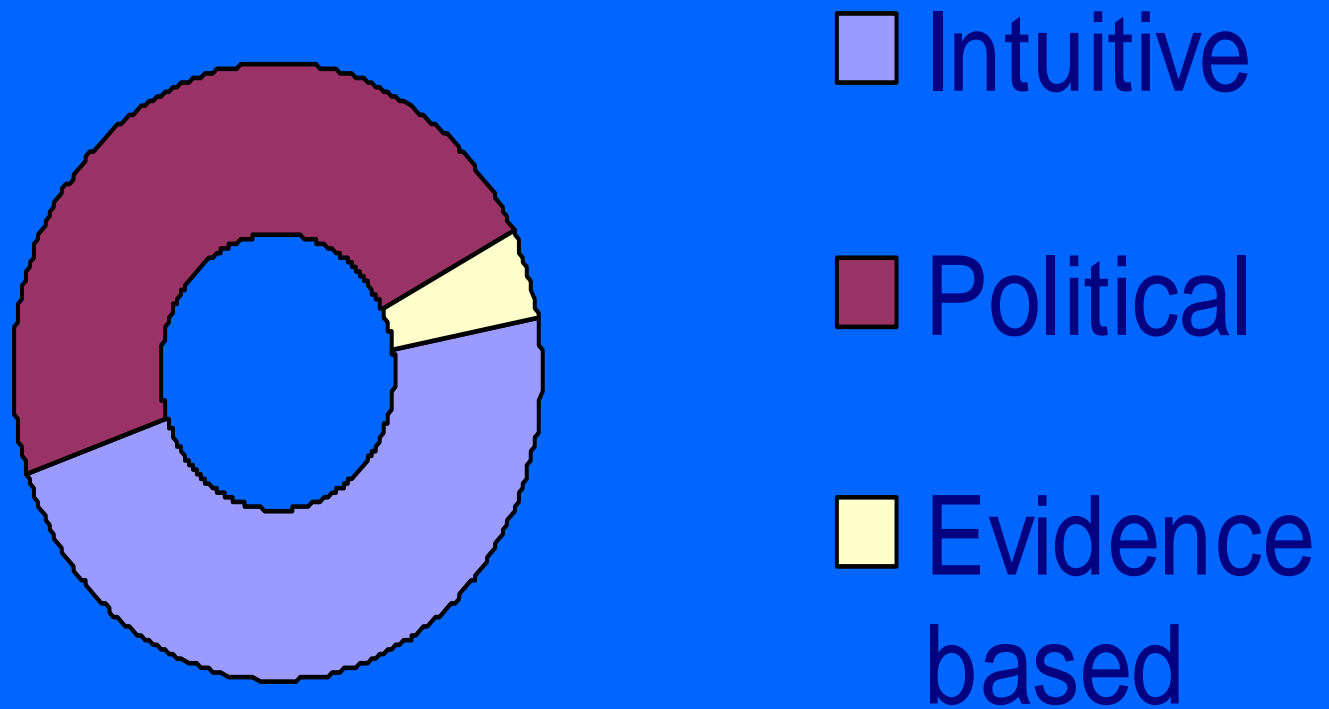
Session 7: Organisation of topic

The topic is divided into four parts:

- The main relevant public health concepts
- From data to information: The transformation process;
- From information to evidence: Putting the information into a wider context;
- From evidence to decision-making: Ensure proper use of available evidence.



Session 7: Basis for Decision-making



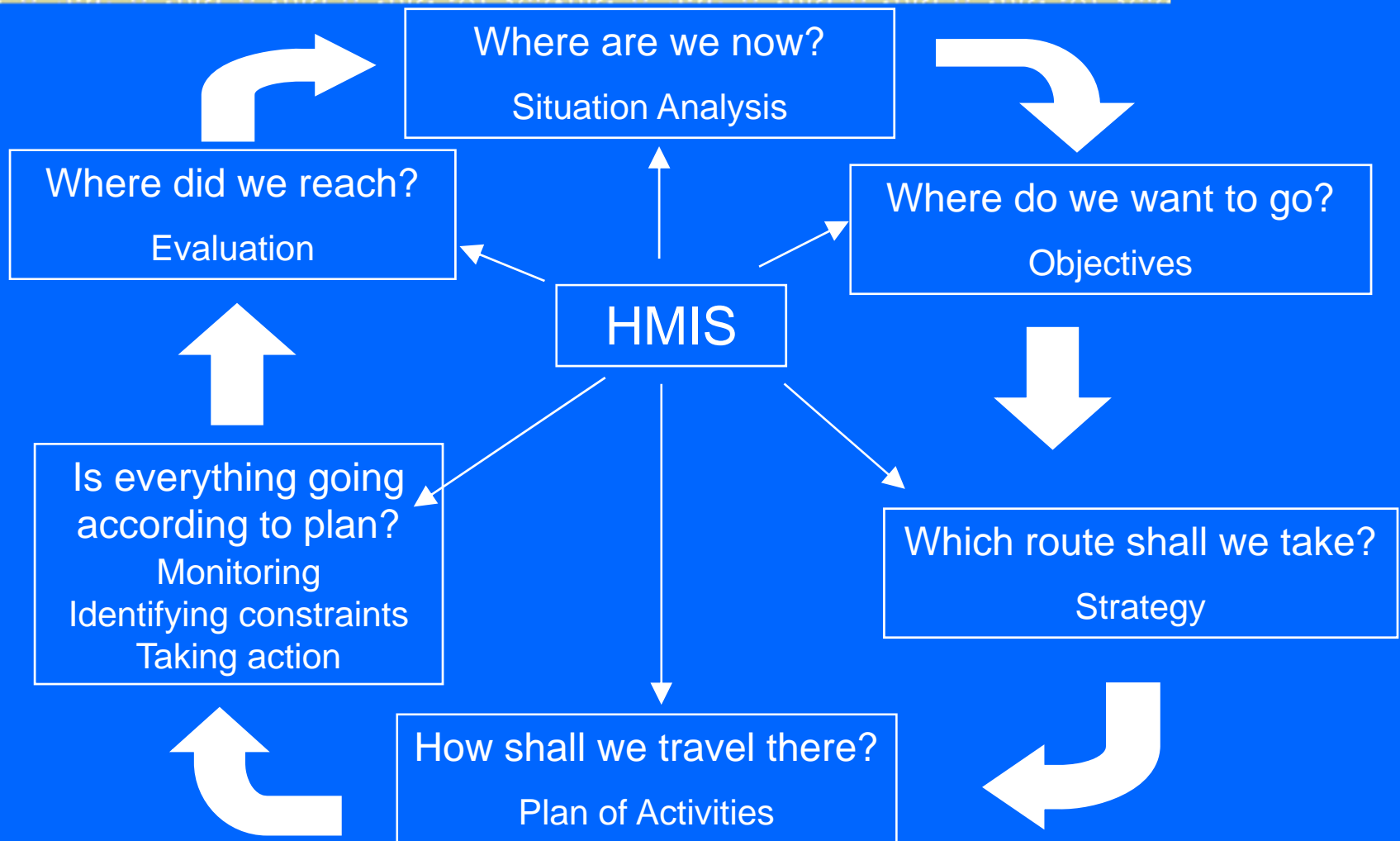


Session 7: Why data? What uses?

- Measure the burden of a health event
- Monitor trends, identify outbreaks and the responses
- Identify high risk groups
- For planning
- For monitoring and evaluation of control programs
- Prioritize the allocation of health resources
- Provide the basis for epidemiological research
- For accountability



Session 7: Management Cycle





Session 7: Data quality

- Valid (Case definition used)
- Accuracy
- Timely
- Complete





Session 7: Key epidemiological questions

What are the problems?

Who is affected?

How many are affected?

When did it take place?

Where did it occur?

Why did it happen?

How can we manage it?

Which approaches are best?



Session 7: From Data to Information

Describe:

- Ask key questions
- Use at-risk populations and target populations ←
- From absolute to relative data (% , rates) ←
- Use defined indicators ←

Analyze:

- Use common sense
- Compare indicators in time, place and with target
- Identify high risk populations



Session 7: Indicators

Indicators show to what extent targets are reached

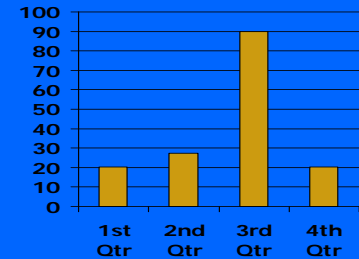
Types of indicators:

- Input (resources)
- Process (transforming)
- Output 1: coverage
- Output 2: quality
- Impact (health status)



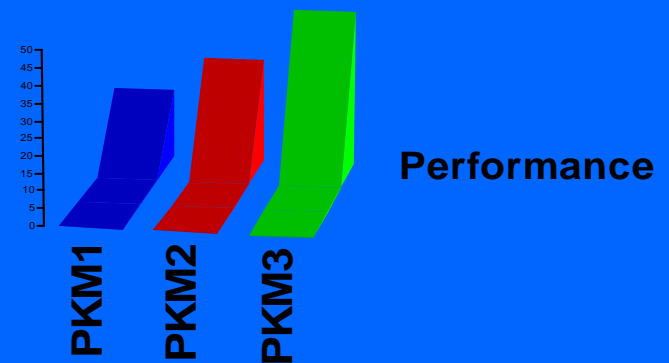
Session 7: Compare Indicators

In time: trends in reporting periods



In place: ranking areas and services


In person: who is at risk (In leprosy not possible now)?



With set targets



Session 7: Strengthening Evidence-based Decision-making

- Setting the scene: public health basics
- From data to information
- From information to evidence 
- From evidence to decision-making



Session 7: From Information to Evidence

Interpretation of data;

- Relevance,
- Consistency
- Context



Session 7: From Evidence to Decision-making: Using the Information

- User perspective
- Effective presentation
- Advocacy skills



Session 7: User Perspective

The user perspective:

- Answer their information needs
- Use attractive presentation methods
- Do social marketing
- Negotiating skills to convince decision makers



Only collect data you will use for decision-making.

