

Risk Assessment Activity

Phase 1: risk question and risk pathways

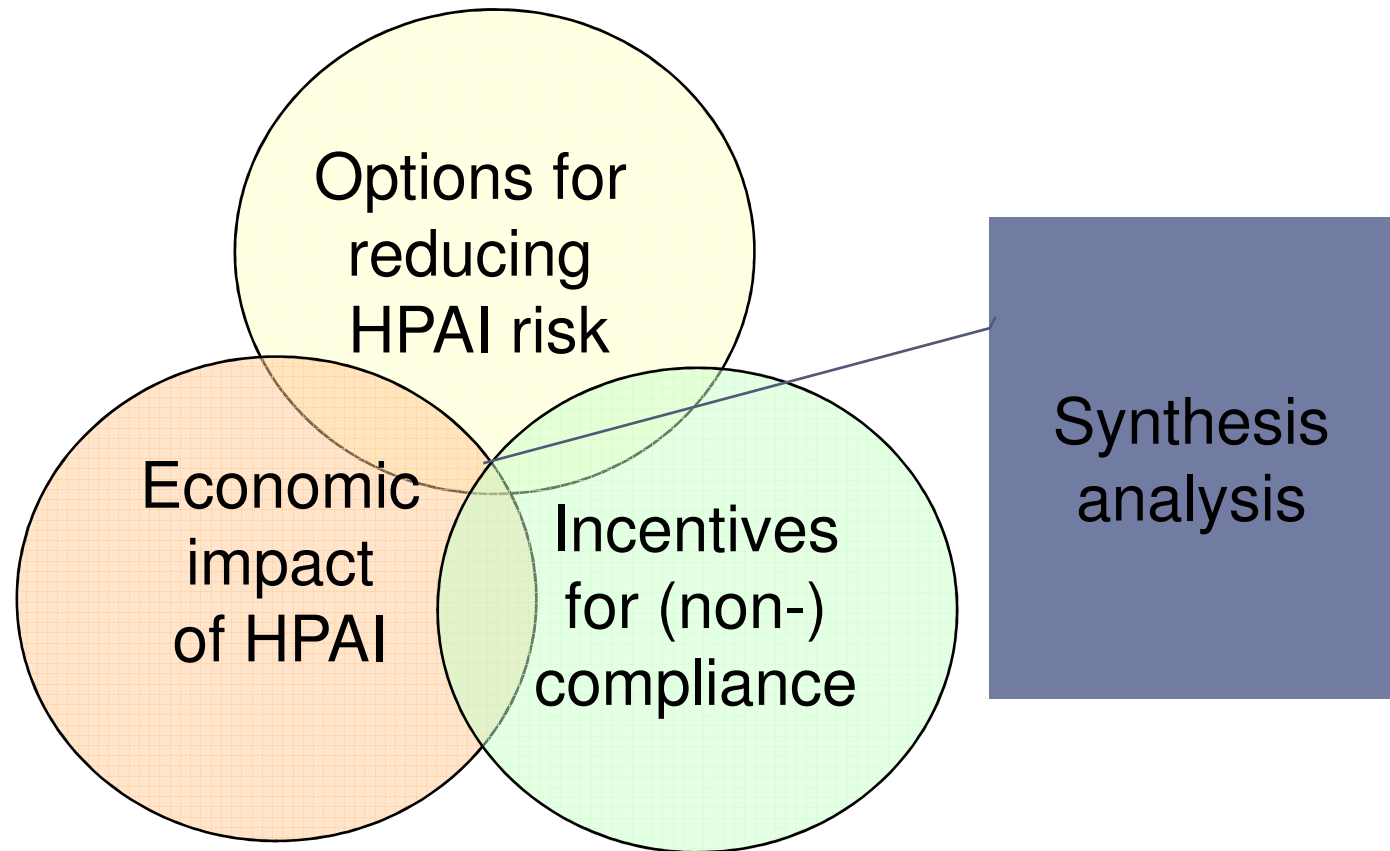
**DFID-funded Pro-poor HPAI Risk Reduction
Strategies Research Project**

Nairobi, 2nd and 3rd October 2008

Presentation of the risk assessment activity

**DFID-funded Pro-poor HPAI Risk
Reduction Strategies Research Project**

Research Domains



'Non-Research' Domains

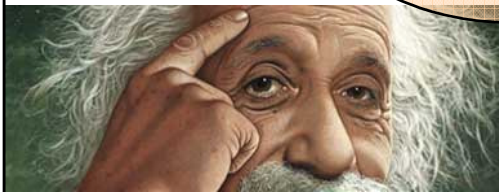
Policy makers / advisors



Communication

Capacity building

Research community



& direct associates

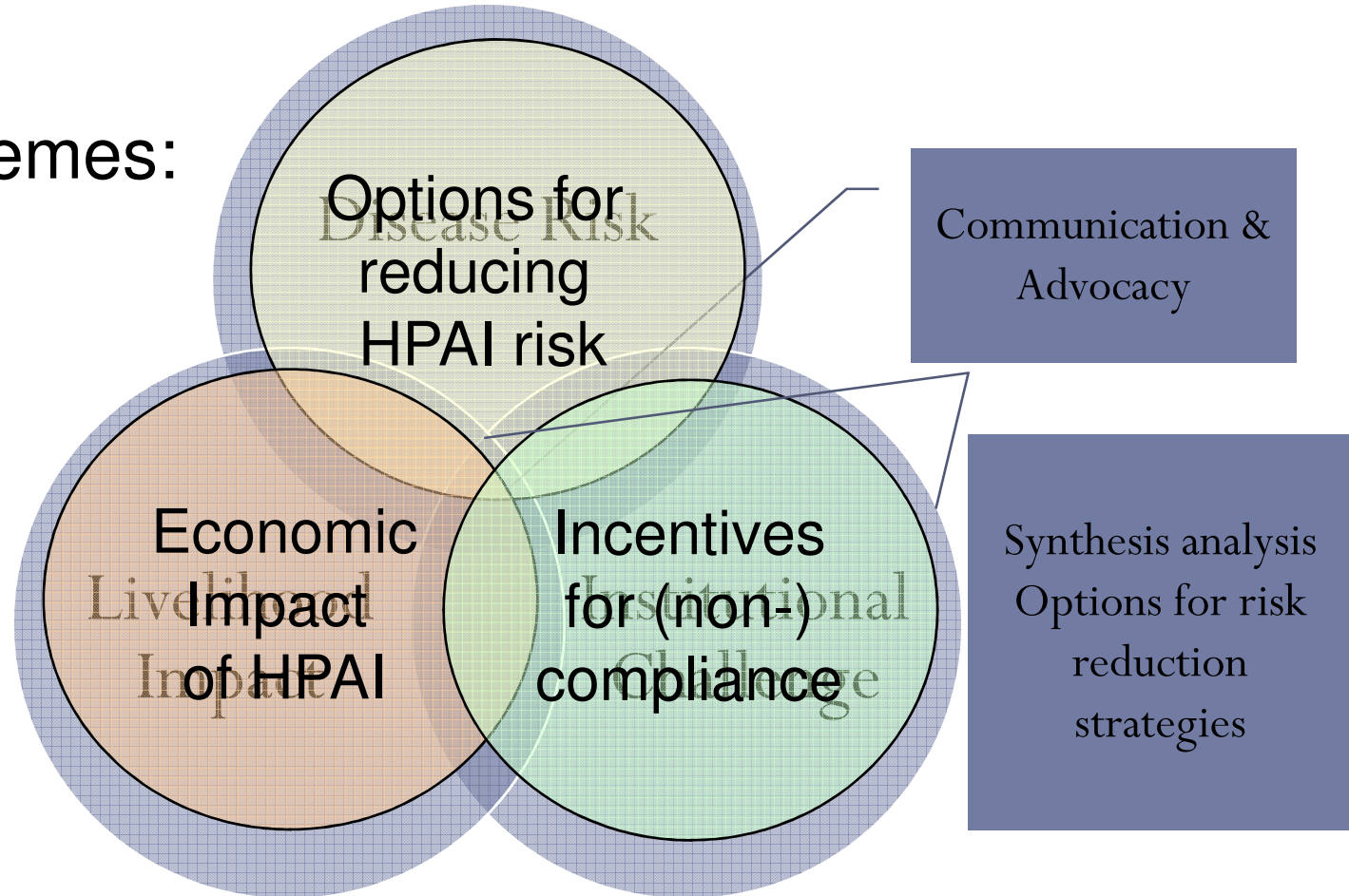
Field data collectors



& data analysts

Where does the Risk Assessment Activity fit?

Project Themes:



Where does the Risk Assessment Activity fit?

- Disease Risk Theme Activities:
 - systematic literature review of risk factors re HPAI entry and spread
 - complete risk maps
 - qualitative risk assessment models for risk question specified with stakeholders
- simulations of impact of possible control measures from a disease risk standpoint

Where does the Risk Assessment Activity fit?

- Research domain:

For specific risk questions relating to introduction or transmission of HPAI

- Description and ranking of mechanisms and steps leading to introduction/spread of HPAI
- Identification of “weak points” (step with high risk or influence on overall risk) for surveillance or control measure
- Simulations of impact of possible control measures: outputs of Risk Assessment used as inputs into the simulation analyses of the synthesis analysis, capturing the effect of different risk management strategies on a) the introduction or spread of the disease, b) economic efficiency, c) social desirability, d) political feasibility

Where does the Risk Assessment Activity fit?

- “Non-Research Domain”:
 - Communication: risk question and risk pathways, discussion of outputs
 - Capacity-building: risk assessment methodology and applications

Risk Assessment Activity Aim

- Provide support to HPAI-related risk assessment and management in Kenya
- Successive phases:
 - Phase 1: define risk question and risk pathways
 - Phase 2: develop qualitative risk assessment model for HPAI in Kenya

Ownership

- Kenyan risk assessors and stakeholders
- With technical support from RVC/ILRI

Interests and Applications

- For the risk question and pathways considered:
 - ranking => high risk areas/pathways/processes
 - weak links identified for control measures
- Outputs provide scientific basis for development of HPAI surveillance / control strategies:
 - Inputs from economic, institutional, and synthesis analysis
 - Testing of different control methods and combinations and how they reduce risk
- Capacity building: ability to conduct a risk assessment to inform the development of surveillance / control strategies
 - Other risk questions
 - Other diseases

Approach: Risk Assessment Team

- Risk Assessment Facilitator
 - Epi-Coordinator
 - Activity Leader
- + Country Coordinator
- + Coordination with other activities of the project

Approach: Stakeholders

- Involvement of stakeholders:
 - Defining risk question
 - Outlining risk pathways & data needs
 - Providing data
 - Discussing outputs and implications
- Technical support from ILRI/RVC:
 - Facilitating definition of risk question and risk pathways
 - Providing methodological support for qualitative risk assessment (data collection and data analysis)

Approach: Timeline

Definition of risk pathways:

2 – 3 Oct 08	Risk Pathway workshop Kenya <i>(Stakeholders + RA Team)</i>	Value Chain Analysis: Qualitative Data Collection and Analysis End January 2009
6 -10 Oct 08	Writing up of report <i>(RAF + support EC/AL):</i>	
13 – 17 Oct 08	Risk Question	
20 – 24 Oct 08	Risk Pathways	
27 – 31 Oct 08	Data needs and Data sources	
3 – 7 Nov 08	Glossary / Terminology used for Qualitative Risk Assessment	
10 – 14 Nov 08		
17 – 21 Nov 08	Deadline for reports	
24 – 28 Nov 08	Review of reports on risk pathways <i>(AL & External reviewer)</i>	
1 – 5 Dec 08	Amendment of country reports <i>(RAF + support EC + follow-up AL)</i>	
8 – 12 Dec 08	Deadline for final risk pathways reports <i>(RAF / EC)</i>	
15 – 19 Dec 08	Circulation to stakeholders	

Approach: Timeline

Qualitative Risk Assessment:

Jan-09	Data Collection (RAF)	Value Chain Analysis: Qualitative Data Collection and Analysis End January 2009
Feb-09	Risk Estimation & Risk Mitigation (RAF with technical support AL/EC) Writing-up report (RAF with support EC)	
Mar-09	Deadline for country reports on Qual. RA (RAF/EC)	
Apr-09	Review of reports on qual. RA (AL, External Reviewer)	
	Amendment of reports on Qualitative Risk Assessment (RAF with support EC)	
May-09	Deadline for final country report Circulation to stakeholders (RAF / EC)	