

Controlling Avian Flu and Protecting People's  
Livelihoods in the Mekong Region, Africa and Indonesia

# Risk Assessment Activity

## Phase 1: risk question and risk pathways

Solenne Costard, RVC  
Risk Assessment Workshop  
Bogor, 24<sup>th</sup> – 26<sup>th</sup> November 2008

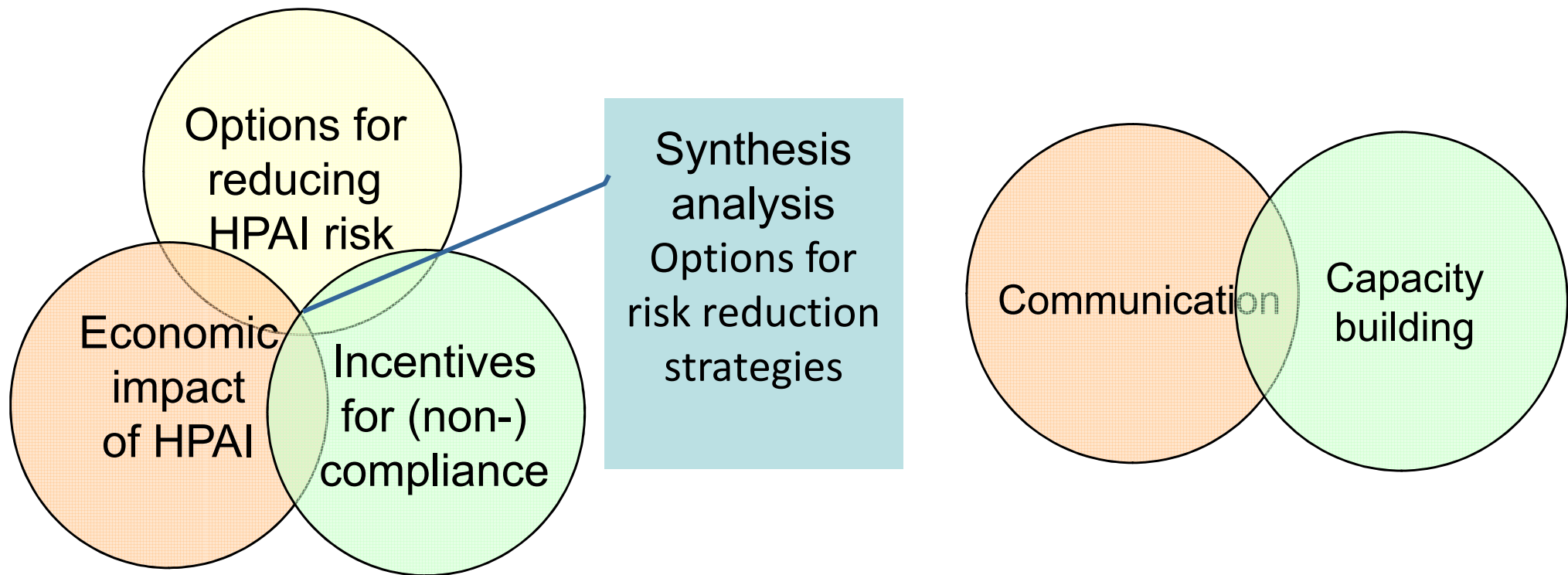
A Collaborative Research  
Project Funded by:



Implemented by:



# Where does the Risk Assessment Activity fit?



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- Disease Risk Theme Activities:
  - systematic literature review of risk factors re HPAI entry and spread
  - risk maps (knowledge-driven approach)
  - risk assessment models for risk question specified with stakeholders, incl. simulation of impact of possible control measures from a disease risk standpoint  
*(1<sup>st</sup> qualitative risk assessment, 2<sup>nd</sup> quantitative risk assessment if warranted)*

# Where does the Risk Assessment Activity fit?

- Research domain

For specific risk questions relating to transmission of HPAI:

- Description and ranking of mechanisms and steps leading to transmission of HPAI between sectors
- Identification of “weak points” (step with high risk or influence on overall risk) for control measures
- Outputs used in economic , institutional, and synthesis analyses to define disease control policy

# Where does the Risk Assessment Activity fit?

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

# Aim of the Risk Assessment Activity

- Provide support to HPAI-related risk assessment and management in Indonesia
- Successive phases:
  - Phase 1: define risk question and risk pathways
  - Phase 2: develop qualitative risk assessment model for HPAI in Indonesia
  - End of qualitative risk assessment, discuss if quantitative approach if warranted (then 3<sup>rd</sup> phase)

# Ownership

- Indonesian risk assessors and stakeholders
- Technical support from RVC and ILRI

# Interests and Applications

- For the risk question and pathways considered:
  - ranking => high risk pathways/processes
  - weak links identified for control measures
- Outputs provide basis for development of HPAI control strategies:
  - Inputs from economic, institutional, and synthesis analysis
  - Testing of different control methods and combinations and how they reduce risk



## Interests and Applications (*cont.*)

- Capacity building: ability to conduct a risk assessment to inform the development of surveillance / control strategies
  - Other risk questions
  - Other diseases

# Risk Assessment Team

- Risk Assessment Facilitators
- Country coordinator
- Activity Leader
- + Stakeholders
- + Other actors of the project:
  - VCA Team (Data Collection)
  - People working on synthesis analysis

# 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)

# Timeline (1/2)

- Risk Pathways and Data Needs:

24 – 28 Nov 08	<p>Risk Pathway Workshop Writing up of report: Risk question and pathways Data needs and Sources</p>	
1 – 5 Dec 08	<p>Review of reports on risk pathways (<i>AL &amp; External reviewer</i>)</p>	<p>Value Chain Analysis: Qualitative Data Collection and Analysis Dec - January 2009</p>
8 – 12 Dec 08	<p>Amendment of country reports (<i>RAF + support EC + follow-up AL</i>)</p>	
15 – 19 Dec 08	<p><b>Deadline for final risk pathways reports (<i>RAF / EC</i>)</b> Circulation to stakeholders</p>	

# Timeline (2/2)

- Qualitative Risk Assessment:

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