

Risk-Based Meat Safety Assurance Systems (RB-MSAS) – LMIC perspective

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Warning - the presentation contains photos of animals which some people may find distressing!



ILRI

International Livestock Research Institute

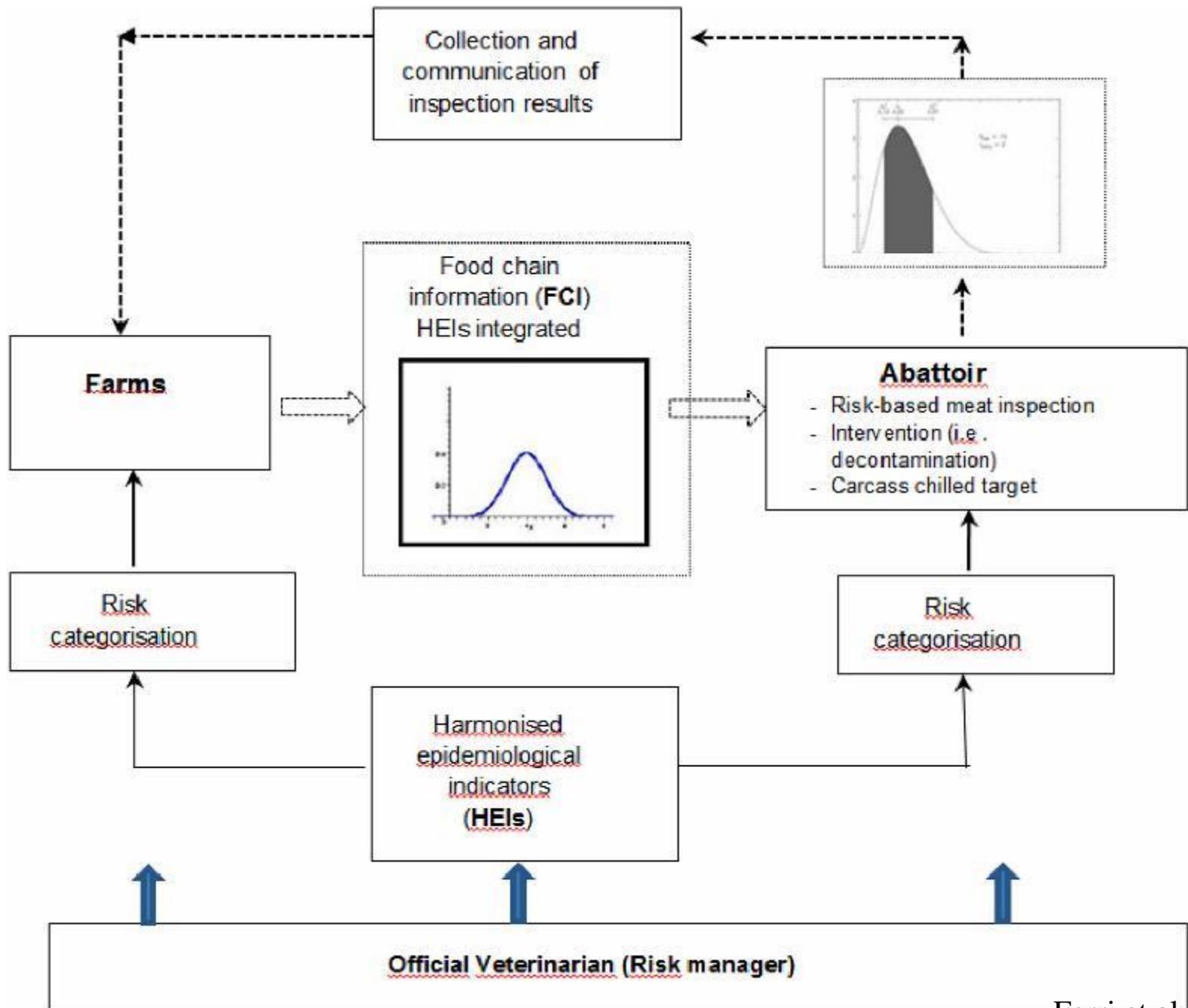
Safe Pork, New Orleans, 2023

Overview

The pork value chain in LMICs – different chains, different risks..

Risk-based approach to detecting novel pig diseases

Reflections

































Người phụ nữ xử lý thịt lợn



Người phụ nữ xử lý thịt lợn





Overview

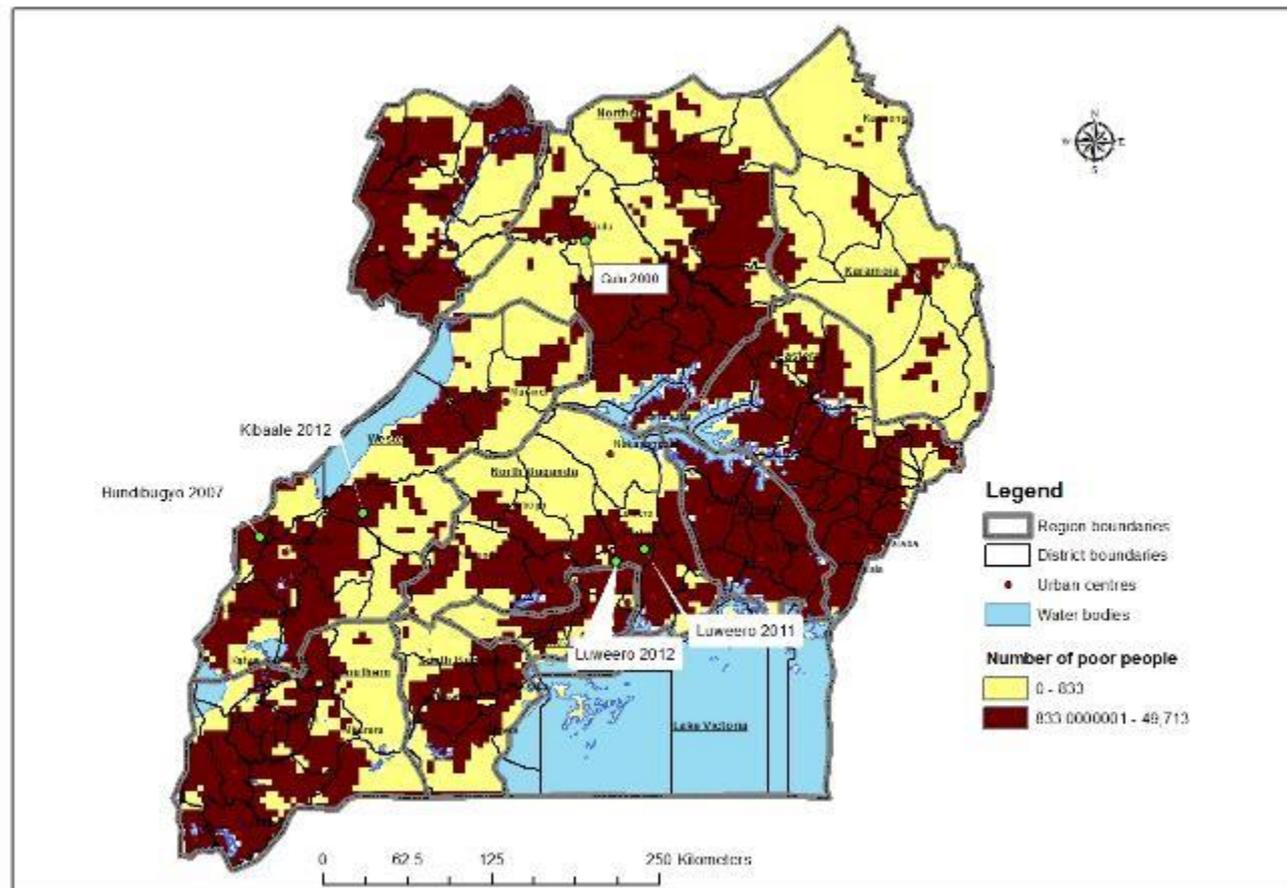
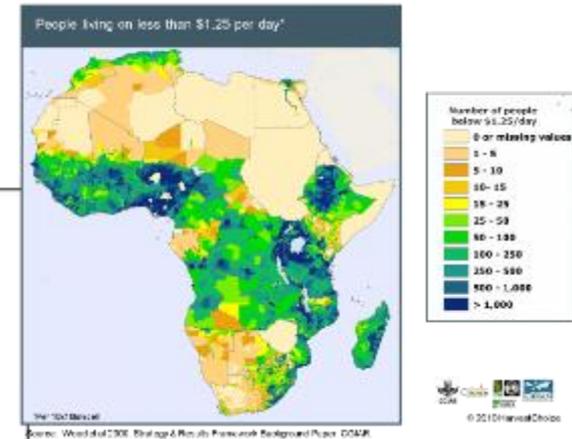
The pork value chain in LMICs – different chains, different risks..

Risk-based approach to detecting novel pig diseases

Reflections

Methodology

Poverty

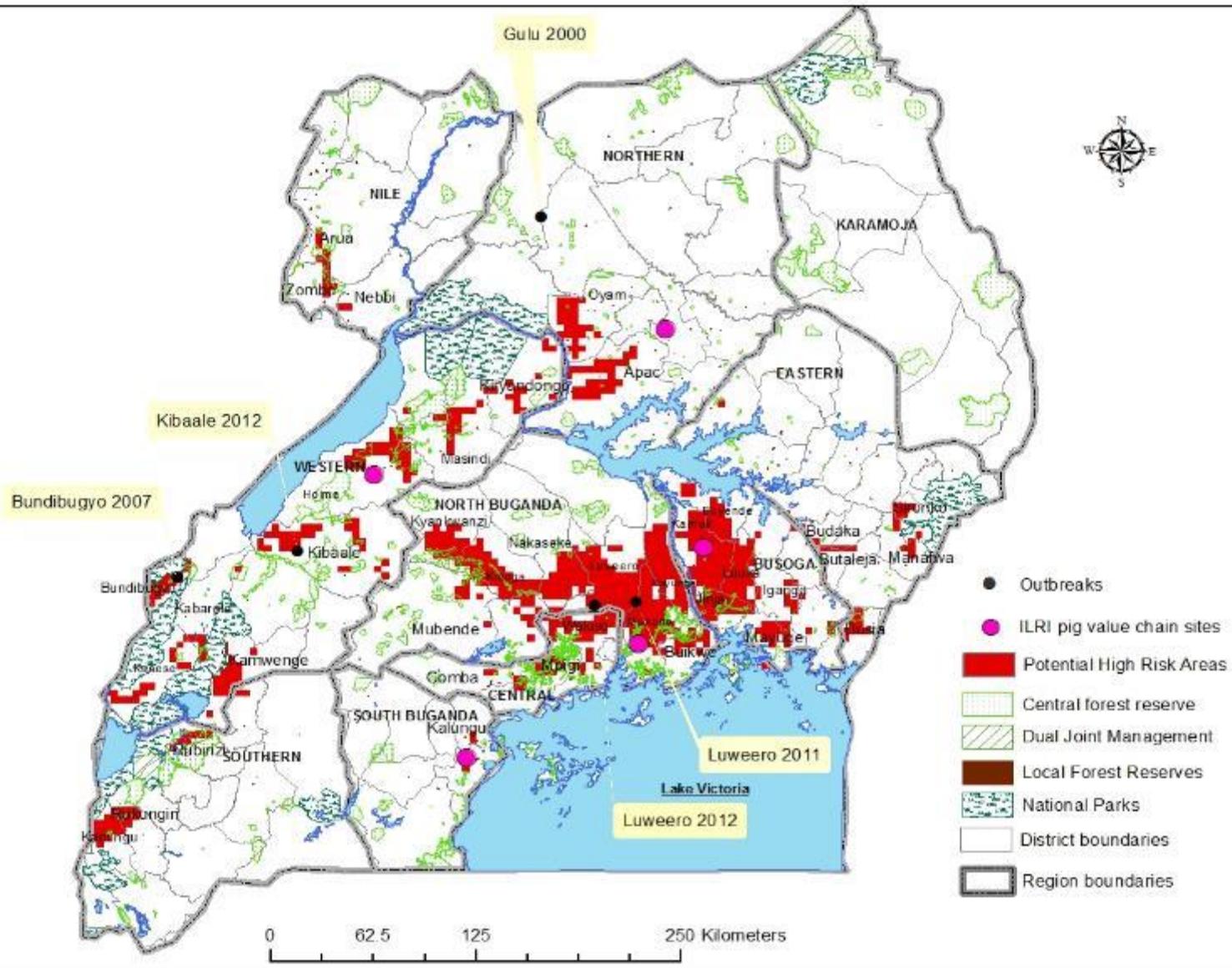


National/Sub
national number
of extreme poor
(1.25USD/day)
10 x 10 km pixel

Harvest Choice
2010

Wood et al 2010

Results



Sampling design

Large area (square kilometres) of high risk present in the district

AND

Adequate numbers of pigs (over 40, 360 average pig herd size OR pig density > 8 pigs/km²)

AND

One of these potential risk factors:

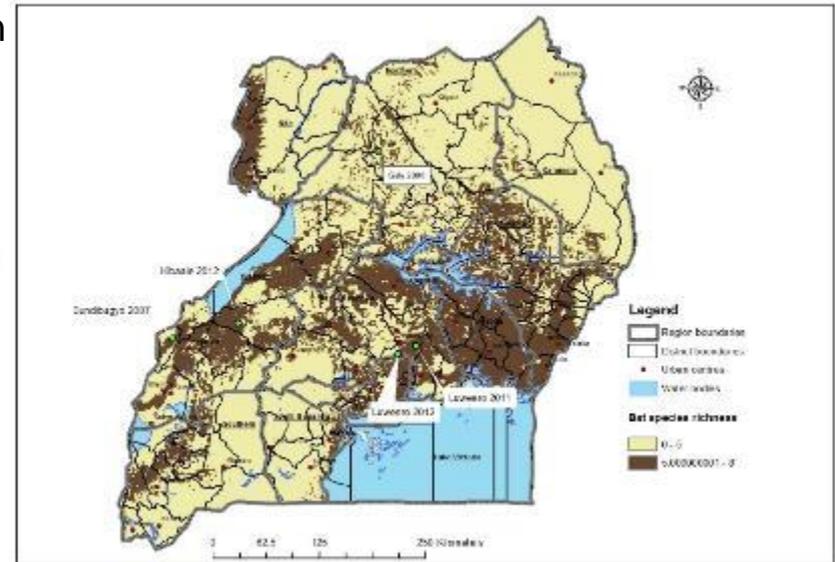
Large numbers of people in extreme poverty in the district ($>124,000$ people per 10 km²)

OR

High bat species diversity in the district (over 5)

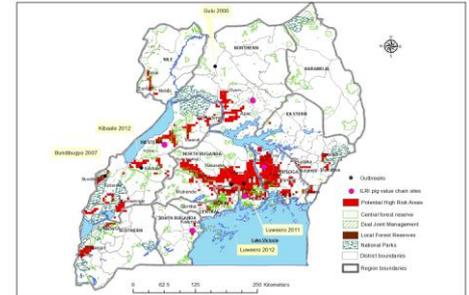
OR

Presence of central forest reserves (CFR) of ecological or biodiversity significance



Bat species richness?

Data provided by Jakob Fahr and Matthias Herkt, Max Planck Institute, Germany



Transboundary and Emerging Diseases

Transboundary and Emerging Diseases

REVIEW ARTICLE

Assessing the Potential Role of Pigs in the Epidemiology of Ebola Virus in Uganda

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Keywords:

Summary

Reflections

Greater need for RB-MSAS in LMIC

More pay-off (CE) (further presentations)

Less technical capacity

More bureaucratic inertia

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