

# STRATEGIES TO MANAGE AND ERADICATE DESCOLADA VIRUS

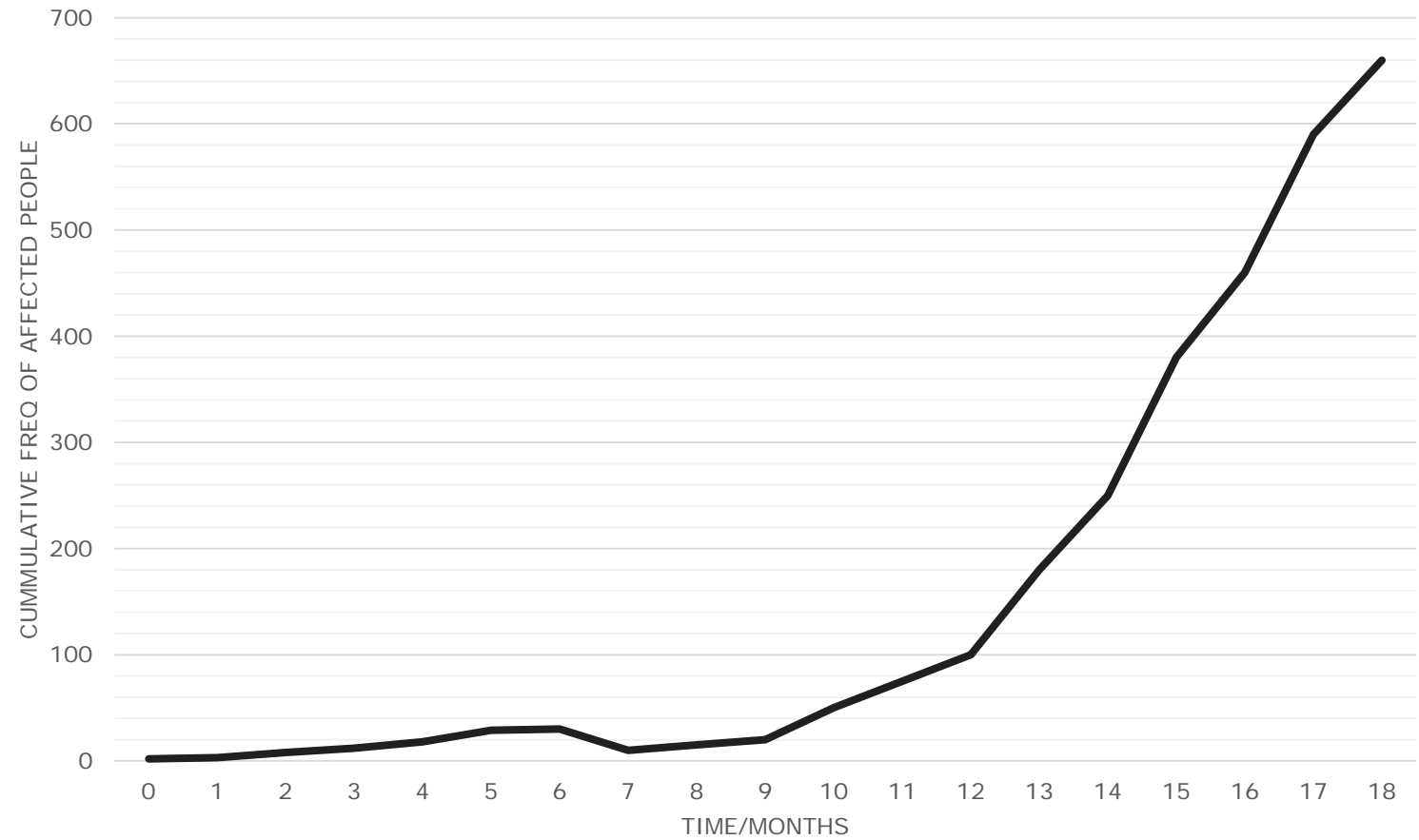
Food Systems Experts  
IFSTAL

# FORECAST

ANCHOR:

SHATTI AKUFFO

## FORECAST OF DESCOLADA VIRUS OVER 18 MONTHS



# INTRODUCTION

- Descolada is a zoonotic virus that lives in pigs. The virus does not cause disease or visible clinical signs in the pigs themselves but can cause illness in humans and even death when highly infected and undercooked pork is consumed by people at risk. The virus infection has been on the rise in west Africa and Ghana.

## TRANSFORMATION

## INDICATORS

## PRECONDITIONS

- **TOTAL ERADICATION OF DESCOLADA VIRUS**

using citizen science and to address human health, food safety issues, pig production and trade BY 2028.

- 95% Reduction in reported cases

- Increase

- pork consumption by 50%
- external trade by 20%

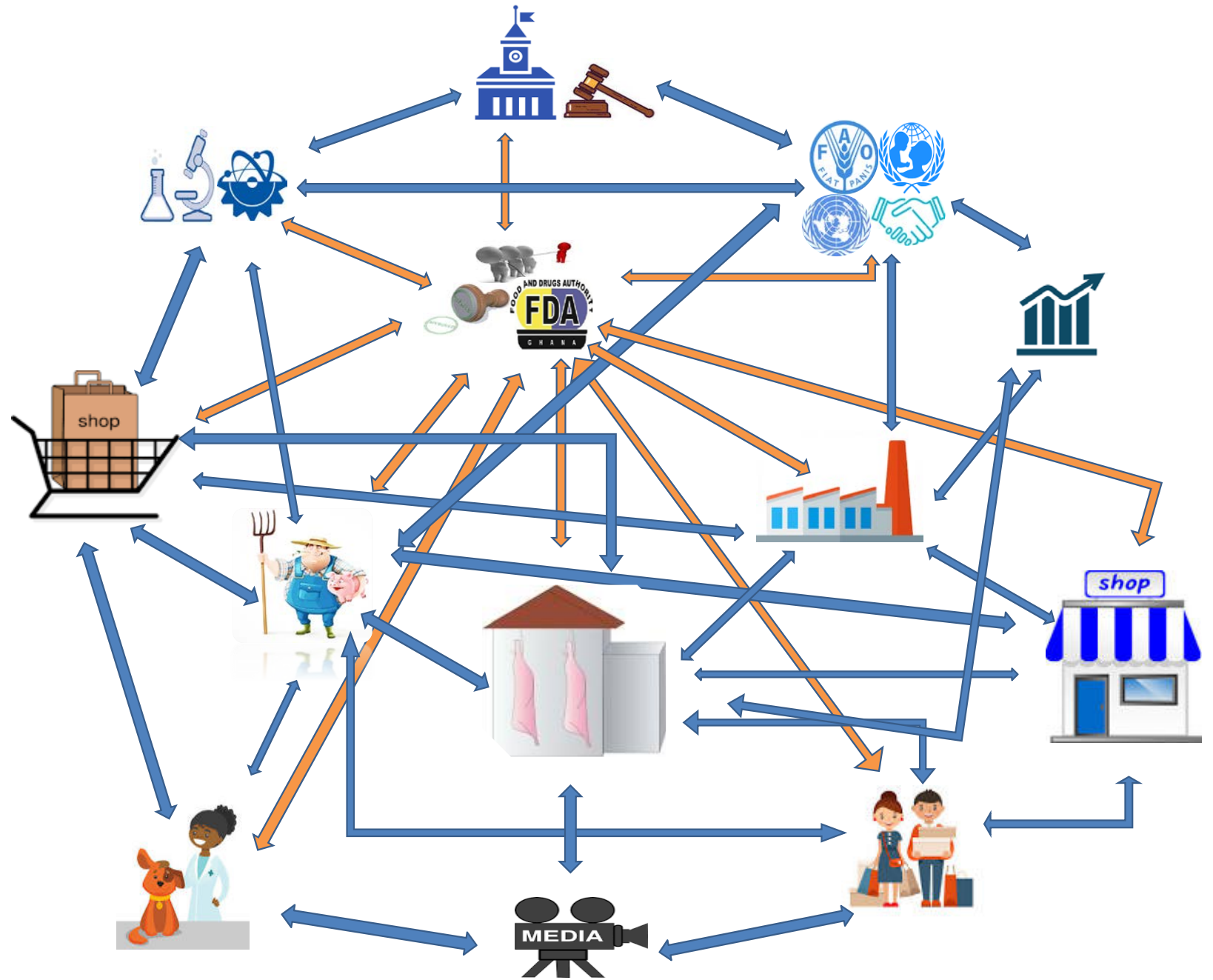
- Effective research institution

- Standards for operations and procedure

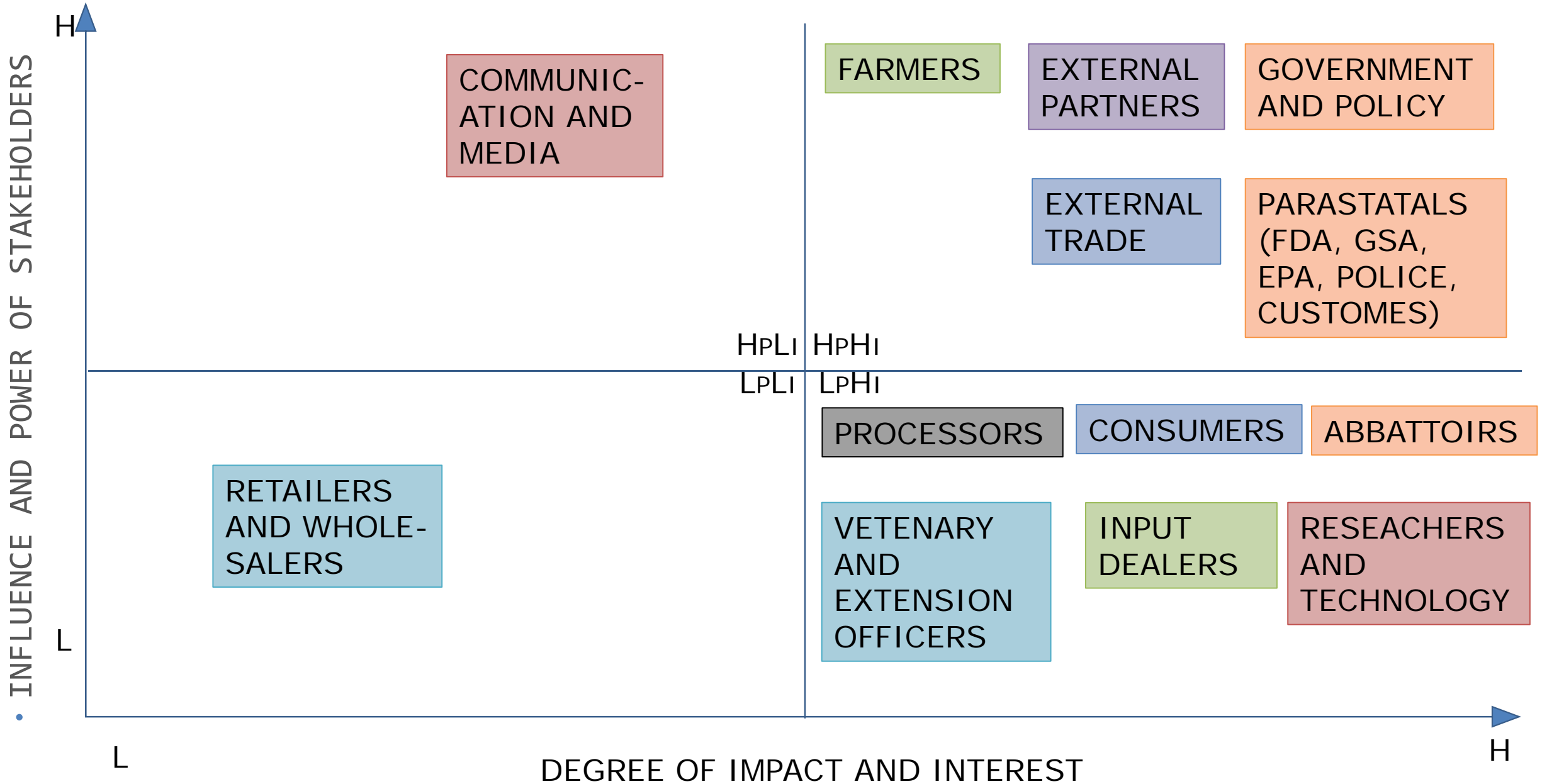
- Effective surveillance system

# FOOD VALUE CHAIN

RELATIONSHIPS AND ROLES



# STAKEHOLDERS ANALYSIS



# BENEFICIARIES

- PIG FARMER
- ABATTOIRS
- TRADE

# VICTIM

- PIG FARMERS
- PROCESSORS
- CONSUMERS

# OWNERS

- **SCIENTIFIC SOCIETY** : capture, codify, systematic troubleshoot, report and adaptive management
- **FARMERS/Consumers**: record keeping and reporting
- **PARASTATALS** : set standard of operation and procedure, implement policies
- **VETS AND EXTENSION** : effective surveillance system
- **EXTERNAL PARTNERS** : logistics and support
- **MEDIA** : awareness

# RISK IDENTIFICATION AND ANALYSIS

- Awareness creation – Apathy
- Rate of Adoption
- Implementation of Standards/policies - Diversification



# ENVIRONMENTAL CONSTRAINTS

- TIME
- APATHY
- LOGISTICS
- CLIMATIC CHANGE

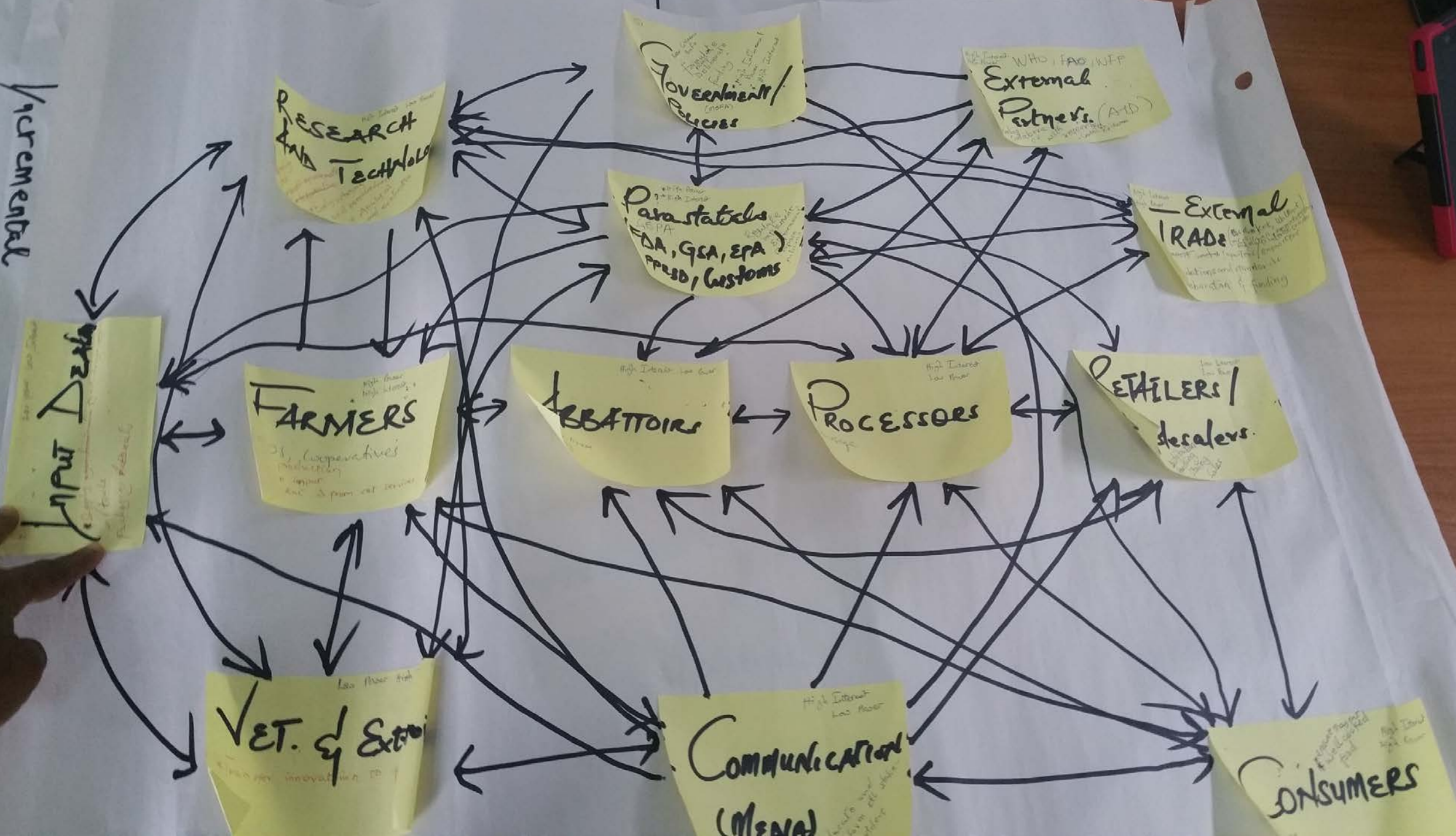
# PANEL OF EXPERTS

- ABENA ABEDI
- RITA KWAWU
- RANSFORD QUAYE
- SELORM AKABA
- AUDREY HAYFORD

# TEAM MEMBERS' PERSONALITIES AND ROLES

- ABENA ABEDI (COOL BLUE & FIERY RED) - COORDINATOR
- RITA KWAWU (COOL BLUE) - PLANTER
- RANSFORD QUAYE (EARTH GREEN) - MONITOR -EVALUATOR
- SELORM AKABA (FIERY RED) - RESOURCE INVESTIGATOR
- AUDREY HAYFORD (COOL BLUE) - COMPLETER FINISHER
- SHATTI AKUFFO (COOL GREEN) - TEAM WORKER

Incremental



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Influence and Power of Stakeholders

COMMUNICATION & MEDIA

FARMERS

EXTERNAL TRADE  
EXTERNAL PARTNERS

GOVERNMENT & POLICY  
PARASTATALS (FDA, GSA, EPP customers)

SATISFY

H<sub>1</sub>L<sub>1</sub>  
L<sub>1</sub>H<sub>1</sub>

H<sub>2</sub>H<sub>2</sub>  
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MANAGE & ENGAGED

RETAILERS & WHOLESALE

PROCESSORS

VET & EXTENSION

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INPUT DEALERS

CONSUMERS

RESEARCHERS & TECHNOLOGY

MONITOR & INFORMED

Degree of Impact

COMMUNICATE

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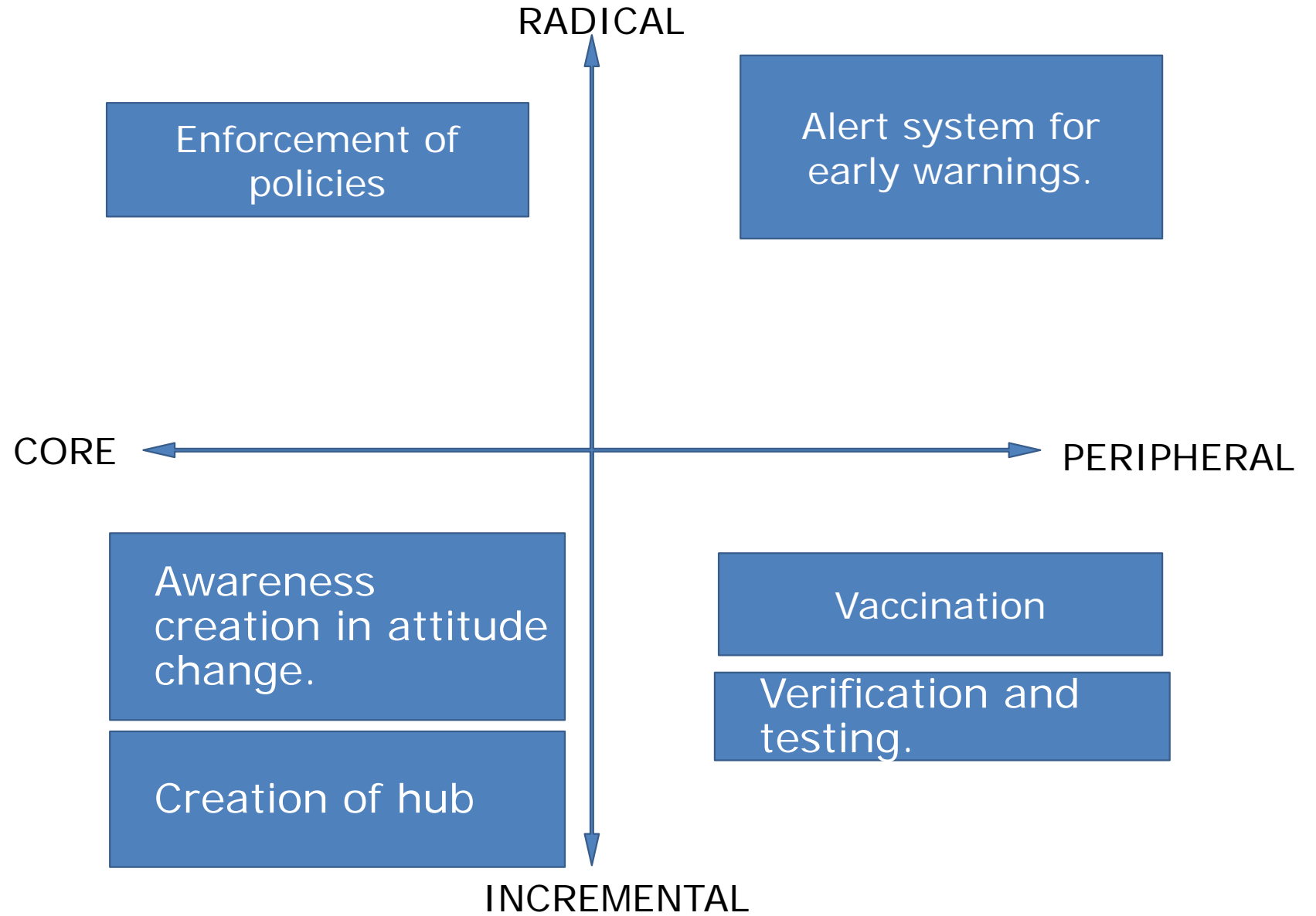
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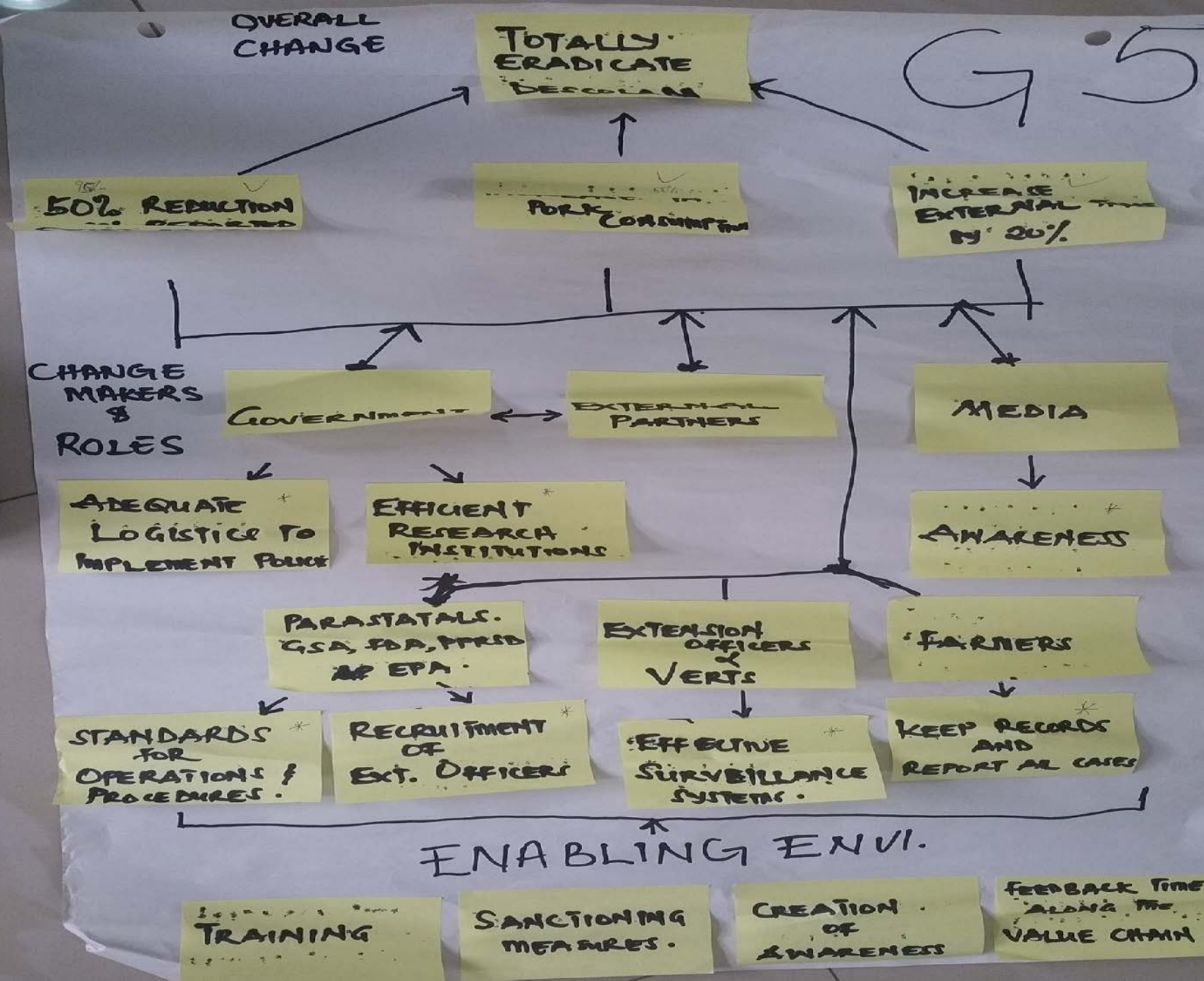
BENEFICIARIES	CONSUMERS, PIG FARMERS INPUT DEALERS, PROCESSORS, ABBATTOIRS, EXTERNAL TRADERS
ACTORS	EXTENSION OFFICERS, VETS GOV'T, EXTERNAL PARTNERS FARMERS
TRANSFORMATION	DEVISE AND IMPLEMENT AN IMMEDIATE AND LONGTERM STRATEGY THROUGH CITIZEN SCIENCE TO ERRADICATE THE DESCOLADA VIRUS, ADDRESS HUMAN HEALTH FOOD SAFETY, PIG PRODUCTION AND TRADE
WORLDVIEW	PUBLIC HEALTH
OWNERS	PIG FARMERS, PARASTATALS EXT. PARTNERS
VICTIMS	PIG FARMERS, PROCESSORS, CONSUMERS ABBATTOR
ENVI. CONSTRAINTS	VET REGULATION, FUNDING, TIME VALUES, NORMS.

# NATURE OF CHANGE









THANK YOU