

LIDISKI

Livestock Disease Surveillance and Knowledge Integration 2020-2024

Presentation by: Ogheneovo Ugbebor
Strategy & Execution, *Ikore International Development Limited*

JOURNÉES DeSIRA CONNECT DAYS



#CONNECTDAYST
www.desiralift.org

Outline

- About LIDISKI
- Notable changes in rural delivery of animal health services due to Agricultural Innovation Systems (AIS) thinking approach
- Innovation
- Stakeholder engagement
- Scaling
- Call to action





Notable changes due to the Agricultural Innovation Systems (AIS) thinking

AIS thinking underpins the principle for sustainable surveillance and control of diseases:

- To improve commitment of local actors (through capacity building and early engagement in the development of the strategies)
- To develop strategies that are tailored to the context and to actors' expectations: use of participatory approaches, integrating local culture and knowledge and socio-economic context

1. Policy makers adopt and replicate the LIDISKI approach to rural delivery of animal health services through Community-based Animal Health Workers



2. Improved disease reporting and surveillance, leading to better control and improved productivity

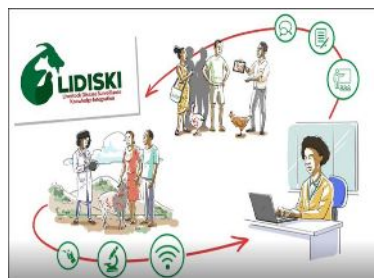
3. Improved diagnosis and vaccine production through collaboration with local institutions



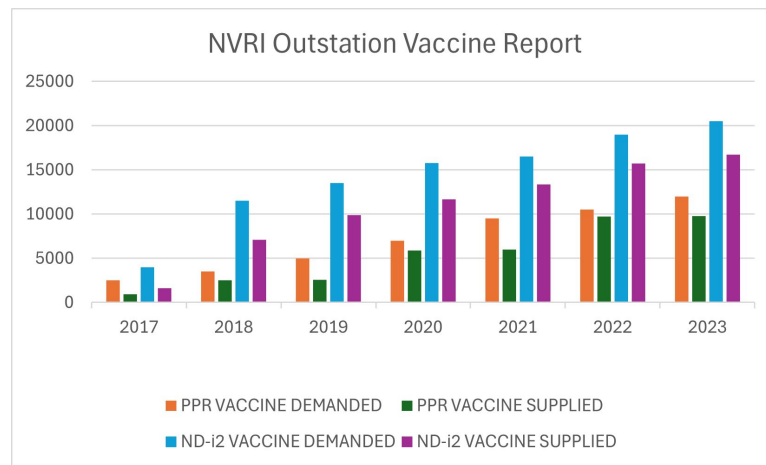
Farm-level innovation – Establishing the community animal health workers' (CAHWs) network

Trained CAHWs bridge the gap in rural access to veterinary services. They provide crucial services such as:

- **Farmer education** – using various IEC materials and channels,
- **Reporting** suspected disease outbreaks to veterinary authorities. (Kobocollect tool)



- **Vaccination and other animal health services**, increasing vaccine coverage



CAHWs Impact and Lessons

4
Master Trainers
Empowered

13
CAHWs
trained



8 Million doses

PPR & NDV-i2 vaccine so

Through CAHW channels



82,000

**Smallholder
farmers
benefitted**

3
Distributors
Activated

27

**Agrovetshops
established by CAHWs**



€2.1m

Additional income from vaccination

€620k

- Participatory rural appraisal, a key primer or adopting new technology by beneficiaries - Lived experience, co-creation and value definition.
- CAHWs proved to be a vital field actor for tracking disease and controlling disease outbreaks in rural areas - use of kobocollect and smart phones, real time reporting for decision making
- Expanded vaccine access to remote communities, other vet products and services
- Demonstrating clear value can quickly spark policy action, but the extent of adoption may be hampered by infrastructural deficit e.g energy & technology deficit
- Towards a sustainable business value-chain for animal vaccination:
 - Providing a paid service to the community: vaccination
 - linking vaccine producers, suppliers, vets and CAHWs

Emerging collaborations from LIDISKI Project

We have fostered new partnerships and strengthened existing ones:

Public-private partnerships to develop reporting systems, vaccination programmes in states

- New business relationships formed with distributors linked to vaccine supply; gradual adoption of the disease reporting tool

Collaboration with research institutions for capacity transfer

- Improved local capacity for diagnostics and new vaccine formulation using recently identified strains in the country; product of the collaboration between the National Veterinary Research Institute (NVRI) Nigeria, and Istituto Zooprofilattico Sperimentale delle Venezie (IZSVe)

Proof of concept in Bauchi, Plateau; Proof of scale needed to influence policy at a national level.



JOURNÉES DeSIRA CONNECT DAYS



Scale-Out and scale up

Vaccine acceptance is established (see below),

Conditions for scale out:

1. Expanding reach to other states, while addressing current limitation is crucial to sustaining access and the gains of LIDISKI

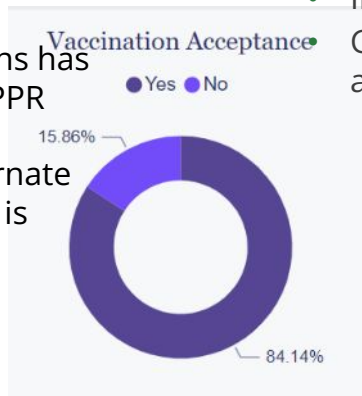
2. Capacity transfer to development partners and further investment needed to expand reach - CAHWs training/kitting, alternate energy solution for vaccine production, storage and distribution, local vaccine production, digital technology for disease reporting

3. Alternate energy (solar) at NVRI and 5 outstations has enabled increased production, storage and supply. PPR and NCD control is dependent on the continued availability of vaccines in rural area; support for alternate energy in other outstations and for the supply chain is vital to the prevention strategy.

Scaling and sustaining impact requires influencing national policy on routine vaccination against the two diseases. Influencing relies heavily on replicable evidence, tools and methodology to guide the process.

Conditions for scale up

1. Strengthening and presenting the evidence to the national government
2. Produce and present to the Nigerian government
 - Tools developed
 - Impact and sustainability of project's actions
 - Guidelines for surveillance and control of ND and PPR in Nigeria



There is more to be done!

LIDISKI offers a valuable model for community-based animal disease surveillance.

Strengthen the evidence by replicating the LIDISKI model; Deepen the impact by leveraging structures and relationships built

Partners with
agriculture

NEWCASTLE DISEASE

IDENTIFICATION, PREVENTION AND CONTROL

SIGNS OF NEWCASTLE DISEASE

Paralysis	Twisted Neck	Greenish Diarrhoea	Ruffled feathers

TRANSMISSION

Contact with diseased animal in the market

Contact with faecal droppings from infected birds

Contact with contaminated material

DISEASE REPORTING

If you see any signs of disease on your animal report to _____

NEWCASTLE DISEASE CANNOT BE TREATED, VACCINATION IS THE SOLUTION.

PREVENTION AND CONTROL

Regular Cleaning

Separate sick birds

Vaccination

GOOD NEWS

You can vaccinate your bird with ND-12 Vaccine by the Community Animal Health Worker close to you.

Name of CAHW: _____

Village/Address: _____

Phone No: _____



Me da wo ase!

LIDISKI Project



EU supports Livestock Disease Surveillance Knowledge Integration



Ogheneovo Ugbebor
Strategy & Execution

Ikore International Development Limited Nigeria

Create a good
reputation strategy



@lidiski1



@lidiski_project



@lidiski1



@lidiski



www.lidiski.org