

IMPACT REPORT

2024

Presented by:

FARM ALERT LTD.

OUTLINE:

- Introducing Farm Alert
- Our Mission
- Farm Alert Distribution Network
- Training
- Outlier Leadership Award
- Eggs of Hope
- Driven by Data
- Vision 2030
- Photo speaks

THE PLIGHT OF THE ANIMAL HEALTHCARE INDUSTRY IN AFRICA

- Pet and livestock owners depend solely on the veterinary community to provide the recommended care and quality products for their companion animals or livestock.
- In turn, animal healthcare providers face critical challenges ranging from the inability to raise capital, the inability to access quality and essential animal health products, the high cost of running operations, and other times they need support to expand the care, products, and services offered to pet and livestock owners for the well being of their pets.
- With the aforementioned factors, animal diseases are on the increase and pose a significant threat to livestock farmers and pet owners in Africa. They cause substantial losses and negatively impact livelihoods.
- Unfortunately, the current inadequate animal health system leaves underserved communities struggling to access quality and affordable solutions.

INTRODUCTION

Farm Alert is an animal health social enterprise founded in 2019 to address the critical challenges faced by the African animal health system.

MISSION:

Enabling easy access to animal healthcare through an efficient distribution network leveraging technology.

VISION:

To be the leading distribution network of essential and affordable animal healthcare solutions in Africa by 2030

CORE VALUE:

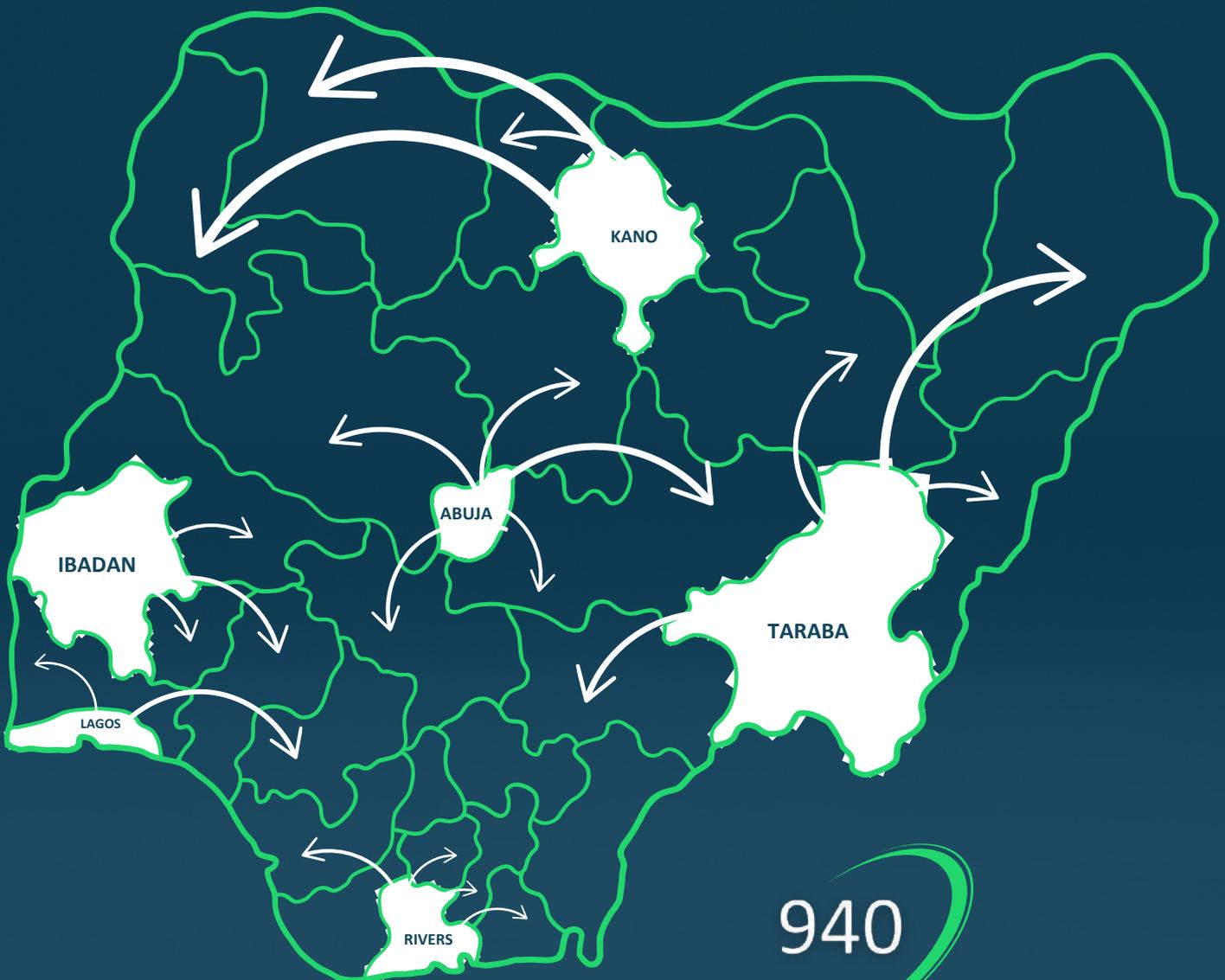
- *Empathy*
 - *Innovation*
-

FARM ALERT DISTRIBUTION NETWORK

- Farm Alert has established a robust distribution network across Nigeria, ensuring an even spread of distribution centers in key locations, including **Abuja, Lagos, Ibadan, Kano, Taraba**, and our most recent center in **Port Harcourt**. This strategic network allows us to meet the growing demand for animal health products and services efficiently.
- We are proud to have partners in several states, including **Abuja, Plateau, Kaduna, Niger, Nasarawa, Kano, Borno, Sokoto, Taraba, Abia, Port Harcourt, Delta, Akwa-Ibom, Osun, Ogun, Benue, Lagos, Oyo, Imo, Edo, Kogi, Adamawa, Ekiti, Kwara, Ondo, Katsina, Gombe, Kebbi** contributing to the widespread availability of veterinary supplies and support.

FARM ALERT DISTRIBUTION NETWORK:

Connecting Communities Across Nigeria

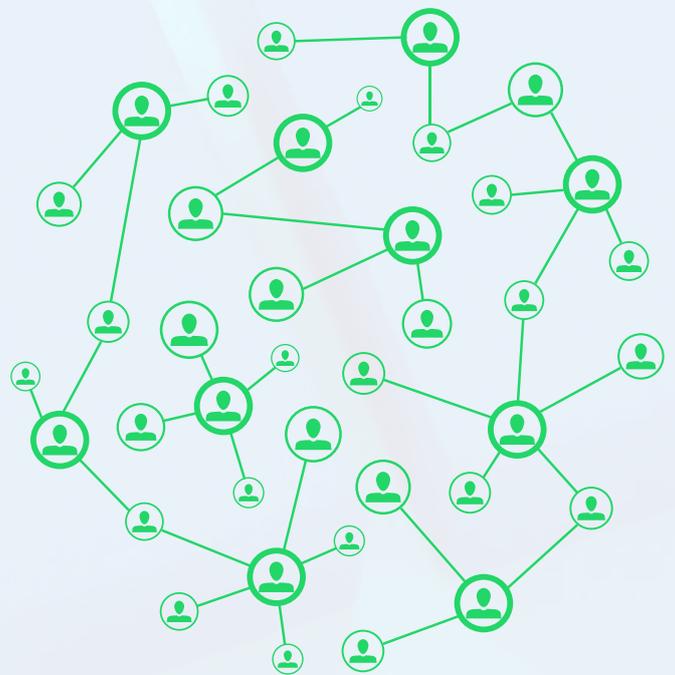


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PARTNERS:
AGROVET STORES &
VETERINARY CLINICS

FARM ALERT DISTRIBUTION NETWORK - PRODUCT LOANS

- Our credit facility to Agroveter/Veterinary stores in 2024 has been valued at over **four hundred million naira**, a testament to the trust and growth of our network. Through these initiatives, Farm Alert continues to play a pivotal role in enhancing the veterinary infrastructure and advancing animal health in Nigeria.



VETPRENEURSHIP

- In 2024, Farm Alert partnered with the Nigerian Veterinary Medical Association (NVMA) to provide significant support to **22 young veterinarians** across the country. This initiative included a **one-million-naira grant** and product loans, enabling these veterinarians to thrive in their practices and make a meaningful impact on animal health in their local communities.





■ **COMMUNITY** ■
ENGAGEMENT

FARMER'S TRAINING

A platform dedicated to equipping farmers with modern techniques and knowledge to boost productivity.

- **Improved Agricultural Productivity:** Provides farmers with the tools and knowledge to increase crop yields, enhance animal health, and improve overall agricultural output.
- **Enhanced Food Security:** Supports sustainable agricultural practices, reducing poverty and ensuring the availability of nutritious food.
- **Economic Empowerment:** Empowers farmers by enhancing their skills, improving livelihoods, and fostering financial independence.

FARMER'S TRAINING

Time	Location	Participants
January	- Minna	- 142
May	- Abuja	- 534
May	- Ibadan	- 104
July	- Minna	- 38
July	- Kaduna	- 53
July	- Lagos	- 308
November	- Abuja	- 363

254 certificates issued
1,542 participants in total



TELE EDUCATION FOR CLINICIANS AND LEADERS IN AFRICA (TECLA)

A platform for veterinary professionals to discuss trends in animal health, including diseases, treatment protocols, and public health.

- **Continuing Education and Professional Development:** Offers access to advanced education, sharpening skills in animal health and leadership.
- **Networking and Collaboration:** Promotes the exchange of best practices and the formation of partnerships among veterinary professionals across Africa.
- **Improved Animal Health and Welfare:** Equips veterinary professionals to effectively diagnose and manage diseases, contributing to better animal health and welfare.

TELE EDUCATION FOR CLINICIANS AND LEADERS IN AFRICA (TECLA)

SN	TOPIC	TIME	REGISTERED PARTICIPANTS	LIVE PARTICIPANTS
1	Cancer in veterinary medicine	January	528	340
2	Acute and chronic manifestation of stress in dogs, impact and control measures	February	347	228
3	Inclusivity: Gender sensitive challenges, constraints, and successes of being a veterinarian	March		523
4	Crisis in the poultry industry, the situation, the statistic and how to protect our collective future	March	485	234
5	Utilization of high-tech equipment for diagnosis, showcasing dual energy x-ray absorptiometry	May	210	142
6	Biofilm in water system, origin formation and control	May	185	84
7	IMPORTANCE OF ETHICS IN VETERINARY PRACTICE, THE CHALLENGE AND WAY FORWARD	MAY	203	120
8	PLACE OF VETERINARIANS IN ONE HEALTH INITIATIVES: HIGHLIGHTING THE KEY ROLE OF CLINICAL PRACTICE IN ONE HEALTH	JUNE	247	146
9	RESISTANCE TO ANTHELMINTHICS AND ECTOPARASITIDES	AUGUST	211	108
10	CLOSING COMPETENCE GAPS IN EQUINE PRACTICE: ENHANCING SKILLS AND TRAINING FOR NIGERIAN VETERINARIANS	AUGUST	210	107
11	THE ECONOMIC IMPACT OF SNAKE-RELATED TOURISM, REVENUE GENERATION AND RESEARCH INTO SNAKE VENOM FOR DRUG DEVELOPMENT	SEPTEMBER	203	130
12	FLOOD IMPACT ASSESSMENT ON LIVESTOCK AND LIVELIHOOD: CHALLENGES FACED AND PROPOSED SOLUTIONS IN NIGERIA USING BORNO STATE AS A CASE STUDY	OCTOBER	160	84
13	EMERGING AND REEMERGING INFECTIOUS DISEASES: A RAVAGING THREAT TO PUBLIC HEALTH AND GLOBAL HEALTH SECURITY	NOVEMBER	262	110

TOTAL PARTICIPANTS REGISTERED	TOTAL LIVE PARTICIPANTS	TOTAL CERTIFICATES ISSUED
3251	2357	144

TELE EDUCATION FOR CLINICIANS AND LEADERS IN AFRICA (TECLA)

Global Reach



ASPIRE

A mentorship initiative designed to connect mentors and mentees, focusing on the holistic development of veterinary medical students.

- **Mentorship and Guidance:** Offers valuable guidance to veterinary students, helping them navigate their academic and professional journeys.
- **Knowledge Sharing:** Encourages the exchange of expertise between mentors and students, deepening the student's understanding of essential topics and issues.
- **Career Development:** Prepares veterinary students with critical skills and competencies needed for successful careers in the veterinary profession.

ASPIRE

SN	TOPIC	TIME	VIEWS
1	HOW TO STAY AFLOAT AND EXCEL THROUGH VET SCHOOL	FEBRUARY	154
2	BALANCING THE ACADEMIC RIGOR WITH LEADERSHIP DEVELOPMENT	MARCH	159
3	ELEVATING YOUR CAREER THROUGH LOCAL AND INTERNATIONAL VOLUNTEERING OPPORTUNITIES	MAY	164
4	THRIVING IN THE GIG ECONOMY DIGITAL STRATEGIES FOR VETERINARIANS	JUNE	176
5	THRIVING IN TOMORROW'S VETERINARY WORLD INNOVATING AND EXCELLING IN A COMPETITIVE MARKET	AUGUST	223
6	ROLE OF VETERINARIAN IN AIRLINE INDUSTRY	SEPTEMBER	335
7	VETERINARY RESEARCH IN DEVELOPING COUNTRIES OPPORTUNITY AND CHALLENGES	OCTOBER	146
8	FUTURE OF ANIMAL HEALTH INNOVATION AND CHALLENGES IN NIGERIA VETERINARY PHARMACEUTICALS	NOVEMBER	135

- 8 Aspire in total
- Total of 1492 participations

AWARENESS CAMPAIGNS

12 IN TOTAL



World rabies day

50 students from Zoe Kids Montessori and Covenant Foundation School Lokogoma, Abuja were educated on Rabies as a disease of Public Health importance.



Zoonotic Disease Sensitization in Collaboration with Red Cross CDS group

Over 500 students of Junior Secondary School Area 1, Abuja were educated on various zoonotic diseases with 300 books donated to the school.

AWARENESS CAMPAIGNS

Expert voice

Hosted an online webinar on Antimicrobial Resistance commemorating World Antimicrobial Resistance Awareness Week (WAAW).



OUTLIER LEADERSHIP AWARD

The Outliers Leadership Award is an initiative to recognize and celebrate exceptional leadership qualities among veterinary students.

Recognizing Outstanding Leadership:

This award honors students who exhibit exemplary leadership skills, inspire their peers, and contribute positively to the veterinary profession.

Fostering a Community of Leaders:

Cultivates a network of driven and influential leaders within the veterinary community, encouraging collaboration and mentorship.

Providing a Platform for Growth:

Offers a space for knowledge exchange, networking, and mentorship, empowering future leaders to continue their journey of growth and influence in the profession.

- **11 Farm Alert Outlier leadership awardees in 2024**
- **1 Employed**

OUTLIER LEADERSHIP AWARD

- Federal University of Agriculture Abeokuta
- University of Nigeria Nsukka
- Michael Okpara University of Agriculture Umudike
- University of Abuja
- Joseph Sarwuan Tarka University Makurdi
- University of Ilorin
- University of Ibadan
- University of Maiduguri
- Usmanu Danfodiyo University Sokoto
- Ahmadu Bello University Zaria
- University of Jos



EGGS OF HOPE

- **MISSION:** To make a significant impact on the lives of vulnerable children across Nigeria. Our ambitious goal is to donate a staggering 300 million eggs over the next three years. This ambitious target is driven by our unwavering commitment to combat malnutrition and empower the next generation.





THE SILENT CRISIS



- Malnutrition, a silent thief, robs our children of their potential.
- Stunting their growth, dimming their minds, and weakening their bodies.
- This crisis is a stain on our nation's conscience.

TRANSFORMING LIVES, ONE EGG AT A TIME

- A total of 8,800 eggs have been donated to vulnerable children in Nigeria.



500 eggs donated to
IDP camp in
Kuchingoro, Abuja.



6,000 eggs donated to three IDP
camps (ELMISKIN IFP CAMP,
SABON GARI CAMP, AND GWOZA
CAMP) IN BORNO STATE



200 eggs donated to
children in Fwagul
community, Jos, Plateau
state



150 eggs donated to
children at Zoe Kids
Montessori school
Lokogoma, Abuja.



50 eggs donated to
children at RCCG City of
Zion Parish, Masaka,
Nasarawa state.



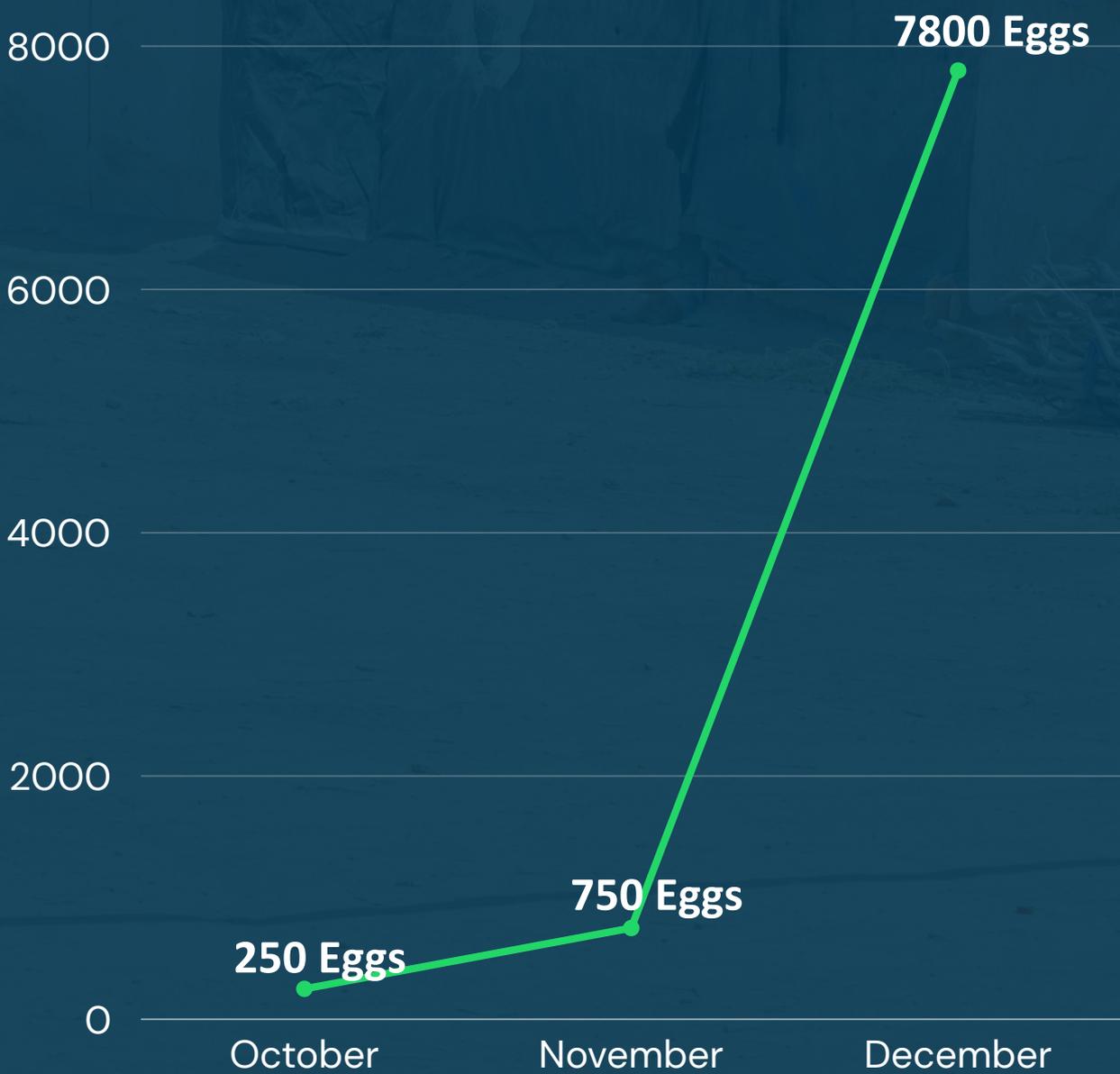
100 eggs donated to
Gratis school,
Lokogoma, Abuja.



1,800 eggs donated to children at the Yetim Care Foundation (200 eggs) and two IDP camps —
Abujan Maimala and Mohd Gombe Farm (1,600 eggs)— in Damaturu, Yobe State.

SCALING IMPACT OF EGGS OF HOPE

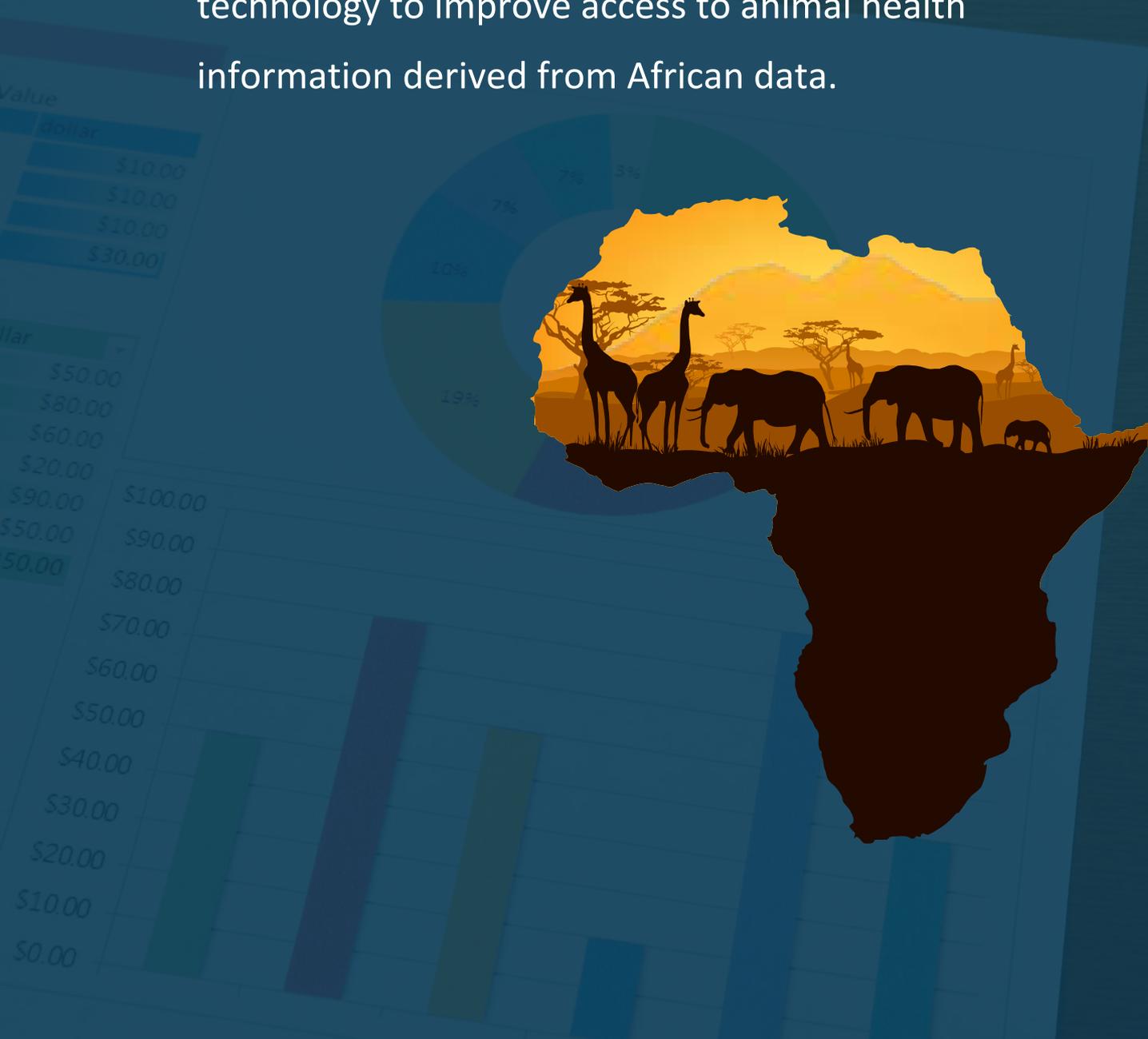
October - December 2024



DRIVEN BY **DATA**

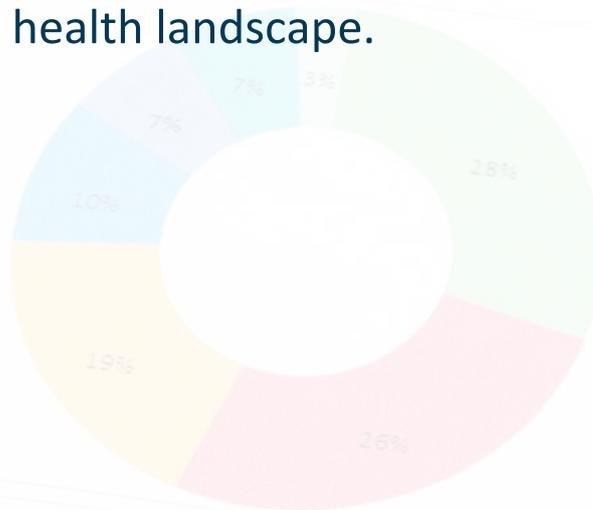
POWERED BY FARM ALERT

- Driven by data is a Pan-African initiative leveraging technology to improve access to animal health information derived from African data.



CHALLENGE IN AFRICA

- While data-driven decision-making is essential, one of the major challenges Africa faces is the lack of accurate and comprehensive animal health data.
- This leads to incomplete or conflicting information, which makes it difficult to form an accurate picture of the animal health landscape.



ACTIVITIES

- Creation of a Pan-African newsletter to promote research going on in the African continent with emphasis on the information gathered.
- Curation of animal health data in a readable format i.e. infographics.
- Development of news reports.
- NEWSLETTER / INFOGRAPHICS – over 15,000 impressions
- FEEDBACK – Over 70 volunteers



Governor Ododo Unveils Private Veterinary Practice Program to Boost Livestock Health in Kogi State

Published by Farm Alert on December 6, 2024



INFOGRAPHICS

HERE ARE SOME OF OUR INFOGRAPHICS DRIVING INFORMED DECISIONS

RABIES CLAIMS ANOTHER LIFE IN OYO STATE, NIGERIA

24th December, 2024

THE CASE

1 Patient: Young man in Nigeria
2 Incident: Bitten by a dog during dogging
3 Treatment: Wound care received but no rabies vaccines
4 Outcome: RABIES SYMPTOMS APPEARED 3 MONTHS LATER, LEADING TO DEATH

SYMPTOMS

- 39% Tingling sensation at the bite site
- 42% Paralysis then death
- 19% Incoordination
- 24% Paralysis then death

WHY THIS HAPPENS

- Low awareness of rabies among owners
- Unavailability of rabies vaccines
- Delayed diagnosis and treatment
- Unavailability of rabies vaccines

THE REALITY

Rabies is responsible for **59,000 deaths** globally each year, with a majority occurring in Africa and Asia. Dogs are responsible for **99%** of rabies transmissions to humans.

PREVENT RABIES TODAY

- Vaccinate Dogs:** Prevent the spread of rabies at the source.
- Timely Treatment:** Seek post-exposure prophylaxis (PEP) immediately after a dog bite.
- Report Cases:** Support accurate data collection for rabies control.

"Rabies is a tragedy we can prevent. Join the fight to end dog-mediated rabies by 2030."

PIONEERING LIVESTOCK DEVELOPMENT:

January, 2025

Nigerian states that have approved the establishment of ministries of livestock development as of 14th January 2025

Source: News Reports

Veterinary clinics in Abuja, scary numbers behind

A STUDY CARRIED OUT BY FARM ALERT November, 2024

Government Owned Clinics in the F.C.T: **12%**

Privately Owned Clinics in the F.C.T: **88%**

68% Ratio of male to female private clinics owners

26%

72% Clinics with out-in-house diagnostic facility

Services Offered:

- Disease Treatment: 94%
- Vaccinations: 92%
- Surgery: 70%
- Laboratory services: 34%

Recommendations:

1. Government support and subsidies
2. Public-private partnerships
3. Improved training and skills
4. Strengthening the veterinary society

AFRICA'S ANIMAL CARE CRISIS: FROM HIGHEST TO LOWEST

Unequal access to animal care across Africa

COUNTRIES WITH THE HIGHEST NUMBER OF VETERINARIANS

Egypt	23,244
Algeria	17,659
Ethiopia	11,799
Nigeria	11,469
Sudan	8,082
Kenya	6,850

COUNTRIES WITH THE HIGHEST NUMBER OF PARA-VETERINARIANS

Nigeria	20,000
Ethiopia	16,745
Egypt	11,000
Rwanda	7,171
Mozambique	6,522
Kenya	6,000

COUNTRIES WITH THE LOWEST NUMBER OF VETERINARIANS

Guinea-Bissau	29
Cabo Verde	26
Zambia	15
Sierra Leone	8
Comoros	3

COUNTRIES WITH THE LOWEST NUMBER OF PARA-VETERINARIANS

Djibouti	138
Comoros	27
Cabo Verde	25

LATEST REPORT ON HPAI (HIGHLY PATHOGENICITY AVIAN INFLUENZA) OUTBREAK IN KANO STATE NIGERIA

DATE OF REPORT: 7th Dec 2024 - 7th Jan, 2025

LOCATION: Gwale LGA, KANO

SPECIES: Birds (domestic poultry)

NUMBER OF BIRDS: 50

DEATHS: 7

DISPOSED OFF: 43

Source: WAHIS

NIGERIA'S DAIRY INDUSTRY

Are we "milking" our potential?

Traditional Dairy Products: Cow, Goat, Sheep, Buffalo, Camel

Cows in Nigeria: 20.6 Million

Annual milk production: 570 million liters

Milk producing cows: 2.3 Million

Approx. 233 Million in Human Population

Recommended milk intake: 200-250 milliliters per person

Daily milk availability for individuals in Nigeria: 3.35%

Daily milk availability for consumption per cow: 96.65%

The daily milk availability per person in Nigeria is only about 1/20th of the minimum recommended intake leaving a substantial gap of 96.65%.

Challenges: Substantial gap in milk production and usage

Opportunities: Nigerian gap: Economic strain, Reduced agricultural income

Recommendations: Investment in local production, Research and development

LATEST REPORT ON HPAI IN NIGERIA

KANO STATE

DATE OF REPORT: 19th January, 2023

SPECIES: Birds (Domestic Poultry)

Location: KANO LGA

KEY: Susceptible animals (Red), Deaths (Green), Disposed off (Blue)

Location	Susceptible animals	Deaths	Disposed off
Ungwar Shike	1500	400	1100
Takumbi	11	11	0
Yankudi Village	150	30	120
Jemagi Rogan Futari	2500	300	2200
Rigin Dians	4500	400	4100

KANO LOCAL GOVERNMENT AREA

HIGHLIGHTING THE IMPACT OF "DRIVEN BY DATA" ON VETERINARY WORKFORCE RESEARCH IN AFRICA

- One of our articles on the Driven by Data platform gained significant recognition at a global level. The article critically analyzed a presentation delivered on a global platform that had inaccurately reported the number of veterinarians and para veterinarians in Africa. The article highlighted the potential consequences of using inaccurate data, particularly in evidence-based decision-making and policy formulation for animal health.
- This publication caught the attention of the Food and Agriculture Organization (FAO) Headquarters in Rome, leading to a comprehensive research project on the veterinary and para veterinary workforce across Africa. The research assessed workforce distribution and capacity, addressing a critical gap in data reliability within the veterinary sector.



KEY OUTCOMES

- Global engagements From countries round the world i.e, USA, Netherlands, Canada, Finland, Australia, UK, Germany, Austria, Mauritius, Saudi Arabia etc.
- Policy-Level Engagement from FAO
- Advocacy for Accurate Data



VISION 2030

TO BE THE LEADING ANIMAL HEALTH BRAND IN AFRICA

African Expansion Goal

Phase one

2025 - 2026

- Nigeria
- Ghana
- Cote d'ivoire
- Senegal
- Cameroon
- Liberia
- Niger
- Mali

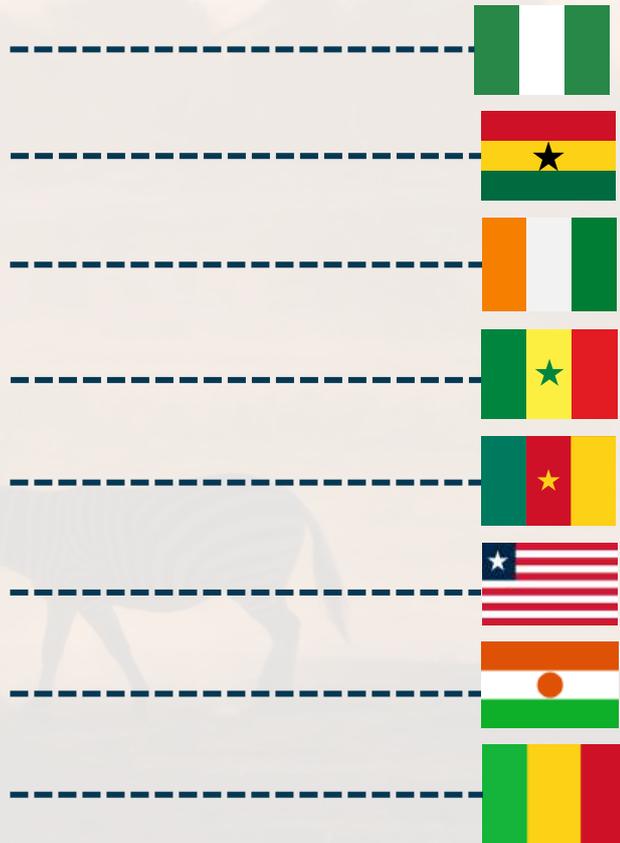


PHOTO SPEAKS





Celebrating Farm Alert 5th year Anniversary



Abuja Mega Centre Opening



Port Harcourt MEGA CENTRE Opening



Professor Folorunsho Fasina, DVM; MSc (Vet Sc.), PhD, PhD
Early Warning and One Health Intelligence Expert, FAO

Portfolio - **International policies & opportunities**



Dr. Steve Olusegun OGIDAN, mni,
Managing Consultant/Chief Executive Officer Successory Nigeria Limited

Portfolio - **Business Strategy and Execution**



AIG Aishatu Abubakar Baju, DVM, OON, mni
President, Veterinary Council of Nigeria

Portfolio - **Government policies & regulation**



Dr. Milkail Audu
Chief Operating Officer, HYBRIDS FEEDS

Portfolio - **Logistics & Supply chain**



Dr. Céline Bilolo
Chief Sustainability Officer at TÜV SÜD

Portfolio - **Sustainability & Social Impact**



Mr. Andrew Airelobhegbe
Co-founder & Chief Executive Officer, Lenco

Portfolio - **Technology & Finance**



Mrs. Josephine Nzerem
Director, Venture and Talent, Ashoka Africa

Portfolio - **Leadership & Team Structure**



Diane Okoko, FCI Arb
Principal Partner, Marcus Okoko & Co

Portfolio - **Company Secretary**

ADVISORY BOARD



Farm Alert Associates 2024 Retreat

THANK
YOU

