

**Containment, Prevention, Eradication and Recovery
USAID/Nigeria Avian Influenza Plan
February 15, 2006**

Strategy

USAID/Nigeria has a three phased strategy for responding to the AI outbreak in Nigeria.

Phase 1. Commodity Procurement and Public Outreach. The immediate need is for procurement of essential commodities such as disinfectant, sprayers, and protective suits. Equally important in the immediate response, is public outreach and social mobilization to build public awareness and organize compliance with veterinary health and public health best practices.

Phase 2. Technical Assistance and Training. During Phase 2, most of the activities begun under Phase 1 will continue. They will be augmented by technical assistance and training primarily at the state level, working with state level governments and private sector groups to manage the ongoing infection on a day to day and week to week basis.

Phase 3. Capacity Building and Recovery. During Phase 3, most of the activities begun under Phase 1 will end. Most of the activities begun under Phase 2 will continue. They will be augmented by technical assistance and training, at state level. At the end of Phase 3 we intend to have set in motion, in the most effected states, the steps needed to get the poultry industry on a sound footing thus preserving the livelihoods of millions of affected farmers.

Coordination. We have already established strong coordination among donors, with the government at federal and state levels, and among USG agencies. Coordination will continue to ensure the most appropriate application of resources and this plan may be adjusted as other donor responses continue to develop.

A. Immediate Course of Action – Short Term Response \$3,000,000

Time Frame: First 30 Days

Objective: Support to the GON and Coordination with International Donor Community to Mitigate the Further Spread of AI in the Short Term

Expected Outcomes:

- a. Decreased number of infected farms in Nigeria
- b. Greater capacity of GON agencies and key partners to respond effectively to prevent, monitor, identify, mitigate and contain the AI.

Mechanisms: Farmer-to-Farmer, MARKETS, RAISE SPS, COMPASS

Actions:

1. Commodity Procurement for Containment Actions and Health Facilities (\$500,000)

Requirements for each commodity are provided by international teams experienced in AI response, GON Ministry of Agriculture and USAID technical staff. **See Appendix 1 attached.**

PPE kits and disinfectant are necessary in the tertiary healthcare institutions that will be identified as referral hospitals for potential AI cases. Antivirals, antibiotics and seasonal flu vaccine will be procured by WHO to be distributed to facilities.

2. Communication and Social Mobilization (\$500,000)

USAID Nigeria will carry out trainings and sensitization on poultry handling, transporting and marketing to farmers, producer associations and government agencies working in poultry. This activity will be used to retard the production and marketing of potentially infected poultry nationwide and in the sub-region. This will be done using trainer to trainer strategies, public mass communication networks and phone tree networks.

One of the most important areas for the public health component is the dissemination of information for prevention and containment of the AI virus. In collaboration with Ministry of Health, the National Social Mobilization Working Group and current implementing partners, finalize an Avian Influenza Social Mobilization Strategy and Action Plan; develop additional public service announcements in 4 local languages, child-friendly AI information packages, posters brochures etc. and appropriate messages for traditional and religious leaders. Identify and use civil society organizations, non-governmental organizations, existing community structures and PTAs to disseminate appropriate messages at the grassroot levels.

3. Support rapid identification and mapping of outbreaks using GIS (\$250,000)

Develop national and state level capacity to initiate rapid containment bio-security plans. Identify immediate needs and actions using technical expertise of USAID consultant Dr. David Henzler of Farmer-to-Farmer.

Rapidly develop the capacity of stakeholders, e.g. farmers, production associations, civil society, marketers and government agency officials to organize and equip field support to identify cases, wider outbreak and immediate containment strategies.

Conduct priority profiling, including poultry densities, by production groups, including layers, broilers, turkeys, etc. Identify production types, including breeders and genetic stock, e.g. growers, etc.

Identify feed suppliers and common bird disposal methods, all of which feed into the bio-security parameters. Identify vaccination crews and service related providers. Identify bird markets and systems for restricting flow of flocks through regional and local markets.

4. Technical Assistance to support culling, containment and quarantine efforts (\$150,000)

Provision of commodities to support culling efforts, containment and quarantine as need is identified and areas are focused on. USAID Nigeria will provide training and capacity building to state level stakeholders to initiate and sustain identification, quarantine of infected bird populations as well training of technicians to initiate culling protocols and proper disposal of carcasses in coordination with public health officials.

5. Capacity building of veterinary services (\$1,000,000)

Using RAISE SPS, USAID Nigeria will carry out training of trainers for veterinary officers at the federal and state levels for replication at the local levels in containment and prevention for emergency response.

Veterinary services will be supported through the procurement and distribution of laboratory reagents for testing suspected cases of AI.

Veterinary technicians and lab staff will be trained to supervise and monitor culling and disposal teams in infected states.

6. Support the development of State and LGA level preparedness plans (\$300,000)

With only the National AI Preparedness and Response Plan developed, USAID Nigeria will work with the State and Local Government Authorities Emergency Task Force to develop State and LGA specific action plans, in both currently affected and unaffected areas.

7. Immediate Support to the Integrated Surveillance Monitoring System for Animal and Human Health (\$300,000)

USAID Nigeria provides ground support to upgrade and improve systems for identification and reporting as well as data collection and analysis.

3. Technical Team Building **(\$1,000,000)**

USAID Nigeria will develop and procure the services of a technical team to support the ongoing capacity building of State agencies in the monitoring, surveillance, identification and control of AI in poultry populations.

Teams will consist of a public health expert and an animal health expert in AI. In addition, the team will incorporate state level government agency technical experts to facilitate transfer of best practices in AI mitigation. This activity will be integrated into state offices of WHO.

4. GIS to map outbreaks, identify referral centers **(\$250,000)**

5. Poultry Market recovery mitigation **(\$500,000)**

USAID Nigeria will begin working with producer groups through MARKETS to support revitalization of poultry markets through repopulation.

6. Capacity building of producer groups and associations **(\$500,000)**

C. Longer Term Course of Action **Budget (TBD)**

Time Frame: Month 3 to month 12

Objective: Institutionalization, Capacity Building, Long Term Disease Control and Economic Recovery – Revitalizing Poultry Markets through Diversification

Expected Outcomes:

- a. GON agencies and state agencies in effected areas are able to respond to other outbreaks of AI with limited outside intervention and support.
- b. Poultry markets in key areas begin to repopulate and generate household and commercial incomes from poultry production.

Mechanisms: TBD

Actions:

- 1. Building capacity of NVRI labs for Testing**

2. Capacity Building of Public Health Services and Veterinary Health Services

Through long term training and linkages with universities, continue to build capacity of PHS and VHS to prevent, identify, contain and control AI

3. Improve policy climate

Appendix 1 – Initial Commodity Requirements

- Disinfectant (Dettol in Lagos Moriguard 1 gallon/container 5 gallon) (9 dollars/liter \$25,000
- Sprayers (500) \$ 80 each
- Motorcycles (10) \$ 15,000
- Foot bath trays (1000 pieces) (10.00 each)
- Bio-Security Signs (1000Pieces) \$10.00
- 30 Day lease of two trucks (\$10,000)
- Communication air time 5 cell phones 500 dollars (minutes \$ 600
- Radio Air time (3 times per day for 30 days)
- Television time (3 times per day for 30 days)
- News paper articles (1000 for preparations
- Plastic for euthanasia Duct tape (250 per piece) (100 farms)
- Buckets (500) (\$10.00) \$5000
- Long handled Brushes (500) 2500
- Duct tape 500 rolls (\$15.00) 7,500
- Fuel \$1000