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STOP AI QUARTERLY REPORT

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It was prepared by DAI.

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Contents

Introduction

DAI and the other members of the STOP AI Team are pleased to present this quarterly report for the Stamping Out Pandemic and Avian Influenza (STOP AI) Project. The report covers the period from January 1 to March 31, 2008.

Among the project's accomplishments for the quarter are:

- Training 240 commercial poultry participants in biosecurity and disinfection in Bangladesh;
- Planning a farm-based drill for delivery in Bulgaria in April;
- Helping facilitate the distribution of USAID AI commodities from a central warehouse to 43 sites in Nigeria;
- Conducting reconnaissance and assessment trips to Azerbaijan, Benin, Latin America, and the Central Asian Republics;
- Completing the biosecurity training course;
- Refining country work plans and the global work plan; and
- Identifying and proposing two long term candidates for the Azerbaijan and CAR project offices.

Country Activities

COUNTRY ACTIVITIES

Bangladesh: Biosecurity and Disinfection Training Program for the Commercial Poultry Sector

STOP AI helped develop a four-day training program that was a cooperative effort with USAID, FAO, and the Bangladesh private sector. The FAO and the Bangladesh private sector also provided cost-sharing support to the training program. STOP AI conducted the biosecurity and disinfection course ten times for seven different poultry companies. Each participating poultry company identified a model farm to be the site of its training. STOP AI trained 240 participants, including veterinarians; nutritionists; and livestock science graduates that work at breeding, hatchery, feed mill, broiler, and processing plants, as well as customer service and other divisions within the poultry companies.

The training program helped provide commercial poultry companies the knowledge to minimize the risk of the introduction of HPAI to individual farms and prevent the spread of the disease from infected areas to uninfected areas.

Bulgaria: Collaborative Planning for the Farm-Based Drill

STOP AI visited Sofia, Bulgaria from February 4th to 15th to prepare for the April preparedness exercise that would include a table-top simulation and farm-based drill planned for April 2008. The trip objectives were to:

- Visit regional veterinarian services sites in three high risk regions for the purpose of understanding the challenges they face and to develop realistic scenarios for use in the preparedness exercise.
- Conduct a 2-day planning workshop with key stakeholders from the National Veterinary Services, Regional Veterinarian Services, Ministry of Health, Ministry of Environment and Water, Municipal Governments, Poultry Industry, and Hunters Union. The outcomes of this workshop were confirmation of the process and procedures for responding to an HPAI outbreak and an agreement with the NVS regarding the preparedness exercise purpose, components, and schedule.

Nigeria: AI Commodities Logistics Support

From January 21 to February 20, 2008, STOP AI's Logistics Manager collaborated with the USAID | Deliver Project, the USAID Mission to Nigeria, the National Logistics Officer (NLO), and other officials of the Government of Nigeria's Federal Department of Livestock and Pest Control Services (FDLPCS) of the Ministry of Agriculture (MOA) to support and facilitate the distribution of USAID AI commodities and storage cabinets to 43 sites across Nigeria. STOP AI competitively contracted commercial transport services to distribute commodities to each of the 43 sites from a central warehouse in Abuja, Nigeria. STOP AI coordinated deliveries, off-loading and storage of commodities sent

from the Lagos port to warehouses in Kaduna and Abuja, and instructed and oversaw the consolidation of shipments into individual site-level consignments. STOP AI consulted and collaborated with the NLO to establish, draft, and plan the implementation of procedures for record-keeping and reporting of USAID AI commodities inventories at state and national levels; and for replenishing state-level USAID AI commodities stocks from the national level warehouse in Kaduna. In so doing, STOP AI assisted the MOA to establish nationwide systems for tracking and distributing AI commodities on a continuous basis. The NLO intends to use the STOP AI commodities trainings events planned to take place in the next quarter as an opportunity to introduce and train state-level storage site managers in implementing these systems.

RECONAISSANCE AND ASSESSMENT TRIPS

Azerbaijan: Reconnaissance Trip

STOP AI sent a reconnaissance team to Baku, Azerbaijan from February 16th to March 1st to increase the project's knowledge of the situation in Azerbaijan and to ensure appropriate adaptation of our core training, materials, and delivery. STOP AI met with the USAID Mission, the Ministry of Emergency Situations, the Ministry of Health, the Ministry of Education, the Republican Veterinary Laboratory, the State Veterinary Service, the Veterinary Research Institute, the Export Border Service, FAO, WHO, UNICEF, AKTIVTA, DTRO, the World Bank, MORU, PRAGMA, the Azerbaijan Poultry Association, and local commercial poultry owners and private vets. The findings STOP AI obtained on the trip facilitated the development of the revised Azerbaijan work plan and subsequent implementation plan.

Benin: Assessment of Recovery Status and Operational Requirements

In December 2007, the Government of the Republic of Benin (GoB) officially informed the World Animal Health Organization (OIE) that it had provisionally confirmed cases of HPAI. The Government of Benin (GoB) then implemented movement restrictions, de-population of the known affected farms, de-contamination of farms and markets, and active surveillance.

GoB now wants to ensure no further incidence of HPAI. To assist, STOP AI's Africa Regional Technical Advisor visited Benin from January 23rd to 31st to assess the country's recovery from HPAI and understand its operational requirements. After the trip, STOP AI developed an implementation plan that will help develop an effective HPAI surveillance plan along the eastern border with Nigeria, provide field staff training in surveillance and biosecurity, and improve coordination between public and private veterinarians.

Central Asian Republics: Reconnaissance Trip

STOP AI plans to establish a Central Asian Republics (CAR) office and conduct activities that will enhance the capacity of both the region and individual countries (Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan) to prepare for, respond to and control incursions of HPAI. STOP AI conducted a reconnaissance trip to CAR from

March 1st to 19th to gather information to develop a detailed work plan.

The assessment mission revealed a great need for regional coordination of HPAI activities, training of veterinary personnel in epidemiology, surveillance, HPAI disease recognition, laboratory techniques, sample collection, preparation and packaging, training of veterinary students and faculty, biosecurity training in commercial and backyard farms, and simulations of national preparedness plans.

Latin America: Reconnaissance Trip

STOP AI conducted assessments in Nicaragua in February, and El Salvador and Paraguay in March. STOP AI met with regional stakeholders and governments to scope out specific activities for implementation beginning next quarter.

Championing "complimentarity of effort" while seeking to avoid duplication of effort between AI provider organizations, STOP AI has moved forward to establish strong partner relationships with CDC CAP (based in Guatemala City) which covers certain AI efforts—to include applied epidemiology, outbreak response, improved surveillance and laboratory improvement—in Central America and CDC NMRCD (based in Lima) which covers these same areas as well as serves as the AI reference laboratory for the entire region. Given that CARE in Nicaragua works as a subcontractor to CDC CAP focused on developing Phase 3 rapid response teams, STOP AI Nicaragua and CARE are in the process of developing an MOU for collaboration of partner efforts with STOP AI responsible for post Phase 3 response planning. Further working to build relationships with PAHO and USDA in mutual support of these AI partners' work, STOP AI has worked to coordinate with PAHO and USDA representatives within the four LAC countries it is presently working, namely: Nicaragua, El Salvador, Paraguay, and Bolivia.

Global Activities

GLOBAL ACTIVITIES

Biosecurity Training Completed

STOP AI finalized the biosecurity training course and received technical approval for the training manual from USAID. The course contains sessions on the following topics:

- Key facts about HPAI H5N1;
- Overview of biosecurity principles and risks;
- Biosecurity planning;
- Biosecurity on commercial farms;
- Commercial farm case scenario;
- Biosecurity for smallholder farms;
- Biosecurity when transporting poultry;
- Biosecurity in live bird markets;
- Biosecurity for consumers;
- Biosecurity planning for live bird markets; and
- Field visits for observing biosecurity practices on farms and in the market.

STOP AI biosecurity course guide contains a guide for veterinarians, poultry growers, and sellers to prevent bird flu; a course design for facilitators; the PowerPoint slides for the course; and commercial farm and live bird market scenarios. The scenarios make the lessons in biosecurity relevant to stakeholders throughout the supply chain based on their particular risks and potential exposure to HPAI.

Work Plan Development

To further refine and budget country-specific activities, STOP AI submitted revised versions of its regional and country work plans, as well as a new global work plan that presented our integrated approach to core activities, as shown in the graphic below.

STOP AI used the revised global work plan to articulate the project's overall strategy for using global resources to provide the necessary technical input and management to support country activities; and to use country activities to direct the focus and emphasis of STOP AI's technical leadership and other areas of globally-funded activity. STOP AI defined the technical leadership role that the project intends to play; indicated some of the specific contributions it expects to make through its global activities; and explained the ways in which the core global activity areas—technical leadership, roster development, training and response capacity—interrelate and interact to advance the project's goal of long-term sustainable capacity-building in countries affected by or at risk of avian and pandemic influenza.

Roster

ROSTER

Long Term Personnel

STOP AI recruited and proposed candidates for the Team Leader positions in the two planned STOP AI project offices in Bishkek, Kyrgyzstan and Baku, Azerbaijan. Mr. Armen Astryan was proposed by Winrock for the CAR Office and Mr. Manfred Smotzok was proposed for the Azerbaijan Office. Both candidates have previous USAID experience: Mr. Astryan on the USAID-funded AI project in Armenia from July 2006 to December 2007 and Mr. Smotzok as Chief of Party for an agribusiness project in Azerbaijan from March 2002 to January 2005.

STOP AI partner MSH also recruited and hired two long term advisors for LAC during the reporting period. Dr. Oscar Morales was hired as the Animal Health Technical Assistant and Dr. Lisa Stone as the Principal Program Associate for Avian Influenza and other Infectious Diseases.
Both experts participated in the STOP AI orientation course held in the US in September and October 2007.

Technical Leadership

Maria Pia Sanchez and Lynne Steingass attended the International Conference on Emerging Infectious Diseases in Atlanta from March 17th through March 19th. The Conference focused on the link between animal, human and environmental health. Conference organizers included the CDC and the WHO. The International Association of National Public Health Institute was identified as a possible partner organization for STOP AI's work in LAC and in Africa.

STOP AI also attended USAID partners meetings in South Africa and Uganda.

Differentiated Roster Development

STOP AI continued to identify, train and maintain a roster of veterinary and other related health experts.

Commodities Training

In addition to coordinating with the USAID | Deliver Project to ensure commodities are in place for training, STOP AI has been recruiting trainers. In the past quarter, STOP AI identified qualified trainers for the four upcoming commodities training programs in Europe and Eurasia and Africa. The ideal candidate for this assignment is a veterinarian who has experience in the field and in handling and shipping AI samples. The planned commodities training programs include training on shipping of dangerous substances. International Air Transport Association (IATA) rules require that trainers must have taken an IATA-approved training or delivered the training themselves within the last 24 months. In order to increase the pool of qualified trainers, STOP AI arranged for an internet based IATA certification course for qualified candidates who lack the IATA certification. Drs. Spasojevic and Ley obtained certification via the internet based course and Drs. Brown and Miles have delivered the IATA course for other USAID-sponsored DAI projects in the past two years.

- Albania - Dr. David Ley (Bird Flu Control) is a veterinary microbiologist with over 30 years of experience in the veterinary field. He is currently a professor at the College of Veterinary Medicine of the North Carolina State University where he teaches courses related to poultry health management and clinical microbiology. He has advanced training in emergency preparedness including Incident Command System and Hazardous Materials Awareness. American College of Veterinary Microbiologists.

- Moldova – Dr. Radivoje Spasojevic is a poultry veterinarian with 25 years of poultry production experience in Eastern Europe (8 years) and the United States (17 years). As the Director of Technical Services for the Willmar Poultry Company he develops and implements new programs and improves old programs designed to enhance poultry health and flock performance. He is a native of Eastern Europe-Serbia - and speaks fluently Serbian, Croatian, and Bosnian.

- Ukraine – Dr. Corrie Brown is a veterinary pathologist with over 25 years of work experience in the veterinary field including seven years in the USDA Foreign Animal Disease Diagnostic Laboratory. Currently, she is the Josiah Meigs Distinguished Teaching Professor at the College of Veterinary Medicine of the University of Georgia. Dr. Brown has delivered commodity training sessions in Uganda, Ukraine, Ethiopia, and Pakistan.

- Nigeria - Dr. Andrea Miles has 18 years experience in prevention of diseases in poultry, biosecurity and epidemiology, with extensive field and laboratory experience. For the last six years she has focused on the prevention and control of avian influenza (AI) and emergency preparedness. She has delivered commodities training in Georgia, Azerbaijan, Bulgaria, and Vietnam. In Nigeria, Dr. Miles will mentor two Nigerian graduates of the STOP AI Senegal course so that they are qualified to deliver the training independently.

Recruitment for planned activities in Benin, Ghana, Philippines and Vietnam also took place during this quarter.

Benin – Biosecurity and Surveillance Training

STOP AI recruited a team of trainers for a 3-day workshop regarding avian flu biosecurity and surveillance. Trainers included Dr. Lionel Gbaguidi, the FAO consultant in Benin, Dr. Sabi Sourou Yao, Dr. Yaghouba Kane and Dr. Louis Banipe. All of the consultants and Dr. L. Gbaguidi were participants of the STOP-AI pre-deployment training in Senegal in November 2007.

Ghana - Training on Biosecurity, Surveillance, and Response

STOP AI recruited two graduates of the STOP AI West Africa Regional training course for an upcoming training program in Ghana. The Ghana program is designed to train master trainers in Biosecurity, Surveillance and Response. Dr. Jarra Jange of STOP AI will lead this training and will deliver the biosecurity sessions. She will work with Drs. Akunzule and Charles Musinguzi.

Dr. Akunzule (Winrock) is a veterinarian from Ghana. He has managed projects with Pan African Program for Control of Epizootics (PACE) for the past 5 years. He has experience with village poultry, women's cooperatives, rural development, and training of farmers. Dr. Akunzule will deliver the response sessions.

Dr. Charles Musinguzi is a veterinary epidemiologist from Uganda. He was a member of the Uganda National Task Force on AI, conducted table top and field outbreak simulations and exercises of the HPAI contingency plan. Since August 2006 he has been a consultant for FAO involved in the development and implementation of surveillance and communication of the National Plan. Dr. Musinguzi will deliver the surveillance sessions.

Philippines – Pandemic Planning

STOP AI recruited a public health physician with pandemic planning and simulation experience for a field drill at the village level in the Philippines. Dr. Myrna Epstein (UC Davis) is an expert public health trainer who has worked with the UC Davis Avian Flu School. For the past five years she has been coordinating pandemic influenza planning including coordinating two major

multi-agency field response drills, one for a simulated outbreak of HPAI one for a simulated biohazard release of anthrax.

Vietnam - Poultry Supply Chain

STOP AI identified and recruited a poultry veterinarian with supply chain expertise as well as an agricultural economist with supply chain expertise for a planned poultry supply chain pilot project in Vietnam.

Patrice Gautier - Dr. Gautier is a veterinarian with poultry disease and market expertise and an extensive network of private and public sector stakeholders in Vietnam based on 7 years of resident professional experience. He is the Operational Director for Asvelis, a private consulting company based in Vietnam.

Dominic Smith is an agricultural economist with extensive value chain experience in Vietnam. Dr. Smith has worked with many international donors and organizations including World Bank, ADB, Danida and AusAid.

Progress Toward Results

The key progress made to date toward reaching the project's objectives this quarter are:

1. Increased use of internationally accepted practices for animal and human disease control

- Coordinated with other USAID partners working on AI, including the DELIVER Project, AI.Comm, and several USAID missions including Azerbaijan, Benin, Nigeria, and CAR;
- Completed the biosecurity training course; and
- Provided biosecurity training to 240 commercial poultry personnel in Bangladesh.

2. Improved global availability of technical experts

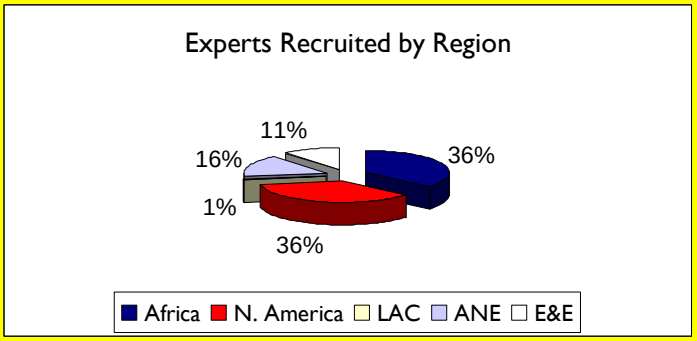
- Continued the development of the roster of experts; and
- Began planning for three additional regional trainings to be conducted in late FY 2008.

3. Reliable and timely logistical support services provided

- Provided logistical support in Nigeria to distribute USAID AI commodities to 43 sites.

Expert Resource Network

To date, STOP AI has identified and recruited 427 experts from throughout the world; they are categorized below according to major skill sets and nationality.



Communications	8
Economics and Socioeconomics	9
Environmental Protection	3
Field Management/ Operations	16
Human Health	73
Veterinary Health	311
Natural Resources	7
Total	427

Response Capacity

In addition to providing logistical support to the Federal Government of Nigeria for the distribution and storage of AI commodities, STOP AI rate with Nigerian counterparts to

introduce or strengthen the country's systems for maintaining an available, locally accessible stockpile of AI commodities for use in detection of and response to HPAI outbreaks. Before, during and following this effort, STOP AI worked in close collaboration and as a key complement to the USAID DELIVER Project's services and technical contribution.

Financial Report

(All figures in 000's except as noted)

Pipeline	
Total task order value	$35,839
Total obligation	34,303
Total expended through March 31	6,501
Remaining balance of obligation	27,803
Percentage of obligation expended	18.9%

Planned Expenditures for Next Quarter	
Additional obligations expected	0
Total expended through June 30	6,501
Planned expenditures, April 1 through June 30	2,288
Estimated remaining balance of obligations on June 30	25,514

AIMEBA Expenditure Data: Life of Project	
PP1 – avian influenza preparedness and response plans	5,801
PP2 – Coordination and collaboration	125
AR2 – Animal response efforts	450
AR3 – Biosecurity	65
AS3 - Logistical/commodity support	60
Total	6,501

AIMEBA Expenditure Data: This Quarter	
PP1 – avian influenza preparedness and response plans	1,480
PP2 – Coordination and collaboration	0
AR2 – Animal response efforts	81
AR3 – Biosecurity	270
AS1 – Surveillance of domestic poultry	165
AS3 – Logistical/commodity support	292
Total	2,288

STOP AI helps to develop systems, practices and procedures to prepare for, detect, respond to, and recover from HPAI outbreaks. The project works with its partners to tailor internationally accepted practices to local conditions, and promotes linkages between animal and human health professionals.

The STOP AI Team:

- DAI (prime contractor)
- Bird Flu Control
- MacFadden
- Management Sciences for Health
- Michigan State University
- Midwest Research Institute
- The QED Group
- Training Resources Group
- UC David Avian Flu School
- Winrock International

www.dai.com ■ stopai@dai.com