



Global Health Security Program for enhancing prevention, detection and response to emerging, re-emerging and endemic zoonoses and antimicrobial resistance threats in Egypt



PROJECT CODE
OSRO/EGY/100/USA



RESOURCE PARTNER
United States Agency for International Development

CONTRIBUTION
USD 1 640 000



IMPLEMENTATION
1/10/2020–31/12/2023



TARGET AREAS
27 governorates



BENEFICIARIES
655 trainees in the veterinary and livestock industries



KEY PARTNERS
Ministry of Agriculture and Land Reclamation, General Organization for Veterinary Services, Animal Health Research Institute, Central Laboratory for Evaluation of Biologics, Central Laboratory for Veterinary Quality Control on Poultry Production

Objective

To enhance the prevention, detection and response to zoonoses and antimicrobial resistance (AMR) threats in Egypt by improving collaboration among key stakeholders, building national capacities and developing knowledge and policy instruments.

Activities implemented

- Established two multisectoral technical working groups to address rabies and AMR threats.
- Ran a biosecurity awareness social media campaign focused on good animal husbandry practices and avian influenza risk reduction measures, reaching 2 610 000 people.
- Updated the National Avian Influenza Surveillance Plan and collected nearly 25 000 samples from birds during the implementation of a risk-based avian influenza surveillance programme, with 479 cases of avian influenza detected.
- Distributed 7 000 vaccination standard operating procedures to producers across the targeted governorates.
- Trained 13 government extension officers and 480 students on rabies elimination.
- Provided technical support to 101 field veterinarians across six governorates on participatory outbreak investigation and disease reporting practices.
- Developed an AMR and antimicrobial use surveillance strategy for the poultry and dairy production systems in consultation with the General Organization for Veterinary Services and the Animal Health Research Institute.
- Developed a One Health strategy and training manual, as well as a national strategy on rabies.
- Conducted a study on SARS-CoV-2 to detect the virus in susceptible pet animals.

Results

- Improved stakeholder coordination to address zoonotic diseases and AMR threats through the establishment of technical working groups.
- Built the capacities of 655 people in the veterinary and livestock industries to detect, diagnose and respond to animal diseases.
- Enhanced national animal health response capacities through the development of national One Health and rabies strategies.
- Reduced the incidence and spread of rabies in the country by raising awareness on rabies elimination.
- Improved vaccination and biosecurity practices at farms through standard operating procedures and trainings, with 86 percent of participants following good practices according to a post-intervention assessment.



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