Emerging Pandemic Threats (EPT)

Pathogen Detection, Risk Determination, One Health Institutionalization, Response Capacity, & Risk Reduction

Description	The Emerging Pandemic Threats (EPT) program was launched by the U.S. Agency for International Development (USAID) and consists of four projects known as PREDICT, RESPOND, IDENTIFY, and PREVENT. The EPT program emphasizes early identification of and response to dangerous pathogens in animals before they can become significant threats to human health and seeks to aggressively preempt or combat diseases that could spark future pandemics. The EPT program will help develop better predictive models for early identification of viral and other biological threats in resource-poor "hot spot" regions (where threats are most likely to emerge) and will enhance regional, national, and local capacities for surveillance, laboratory diagnosis, and field epidemiology in both the animal and human health sectors.
Purpose	To ensure a coordinated, comprehensive international effort to preempt the emergence of future pandemic diseases.
Scope	International – the EPT program focuses on "hot spots" (where new disease threats have emerged in the past) in the Congo Basin of East and Central Africa, the Mekong region and other areas of Southeast Asia, the Amazon region of South America, and the Gangetic Plain of South Asia.
Primary Funders	USAID
Participants & Key Collaborators	Partners vary by EPT project and include US and international public and private organizations, institutes, and universities. The EPT program also receives technical support from the U.S. Centers for Disease Control and Prevention and the U.S. Department of Agriculture.
Definition of One Health	The EPT program was launched due to the recognition of the need for the development of comprehensive disease detection and response capacities. The program brochure identifies the "One Health" approach as the integration of a multisector approach to public health objectives.
Monitoring & Evaluation Strategy	Monitoring and evaluation is not mentioned in the EPT program overview and likely varies by individual project.
Sources of Information	EPT Program Overview and Brochure: http://www.usaid.gov/our_work/global_health/home/News/ai_docs/ept_brochure.pdf http://www.usaid.gov/our_work/global_health/home/News/ai_docs/emerging_threats.pdf
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