

Benefits of Preparedness Activities for Animal Health Emergencies

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Training Workshop on Emergency Management and Disaster Response

How to Conduct Simulation Exercise (Sim-Ex)

10-12 December 2025, Manila, Philippines



Faster and More Effective Response



Well-prepared systems (SOPs, trained staff, early warning tools) allow authorities and partners to act quickly when an outbreak occurs.



Early detection and rapid containment significantly reduce disease spread and economic loss.



Reduced Mortality and Morbidity in Animals



Preparedness ensures vaccines, medicines, and response supplies are pre-positioned.



Animals receive timely diagnosis and treatment, lowering mortality and protecting animal welfare.

Protection of Human Health

(One Health)



Many livestock and companion animal diseases are **zoonotic**.

Strong preparedness **reduces the risk of spillover** to humans and protects frontline workers and communities.



Economic Stability for Farmers and National Livestock Sector



Prevention

Prevents **large-scale culling**, market disruption, and long-term loss of livestock assets.



Sustainment

Maintains **farmer livelihoods** and stabilizes national agriculture GDP.



Supports International Trade



Countries with strong preparedness demonstrate **trust and transparency**.



Minimizes trade restrictions during outbreaks and speeds up export recovery.



Strengthened Surveillance and Early Warning Systems



Establishing **risk-based surveillance**, reporting mechanisms, and community networks.



Increases **accuracy and timeliness** of outbreak alerts.



Ability to Mobilize Resources Quickly



Pre-arranged logistics, emergency funds, and supply chain agreements.



Reduces delays in deploying **PPE, diagnostics, teams, and vaccination units.**





Enhanced Community Awareness & Biosecurity



Awareness

Farmers and communities understand **disease signs, reporting pathways**, and prevention actions.



Cooperation

Increases **cooperation and compliance** during emergency response.



Biosecurity

Preparedness encourages **continuous biosecurity** on farms, markets, transport, and slaughterhouses.



Build Long-Term Institutional Capacity



Regular training, simulation exercises,
and after-action reviews.



Strengthen **veterinary services** and
emergency management systems.

Thank You

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