



*Founded in 1895 as the  
New York Zoological Society*



350 Health Professionals

55 countries

*5 Parks in the City of New York*  
*20,000 Animals*  
*Over 4 million guests*



Bronx Zoo

Central Park  
Wildlife Center



Queens  
Wildlife Center

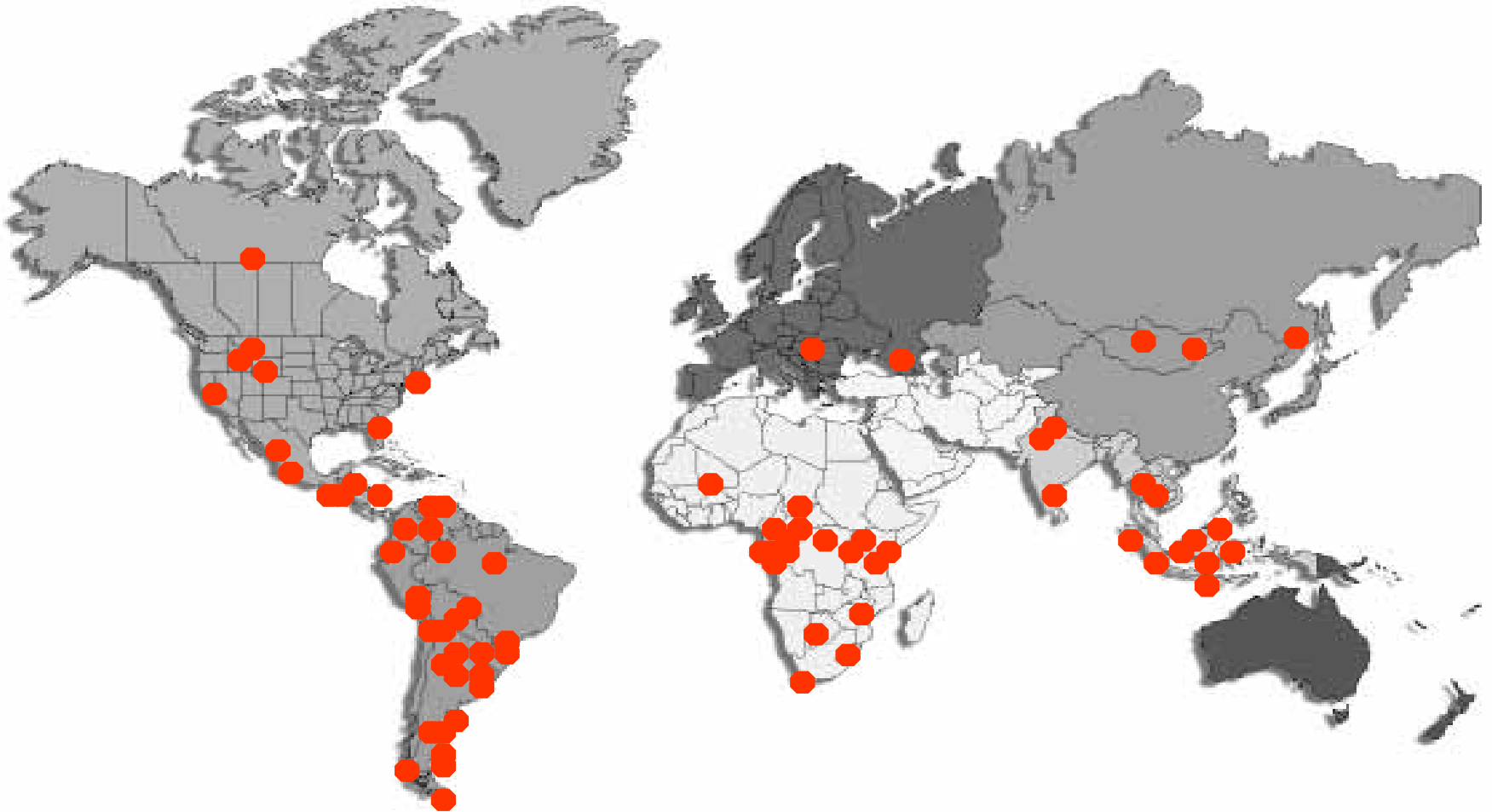
Prospect Park  
Wildlife Center



New York  
Aquarium



# *Field Veterinary Program*











W.B. Karesh, 2005

# Sample Sites in Mongolia – Aug 2005











W.B. Karesh, 2005

[Home](#) > [News](#) > World News

Posted on 04 Nov 2005 # ANI

## Wild birds could yield human pandemic influenza vaccine

- **Mongolian National Academy of Sciences**
- **Institute of Veterinary Medicine**
- **State Central Veterinary Laboratory**
- **Ministry of Food and Agriculture Veterinary Department**
- **Ministry of Health**
- **USDA**
- **FAO**





# INTER-SECTORIAL GAPS





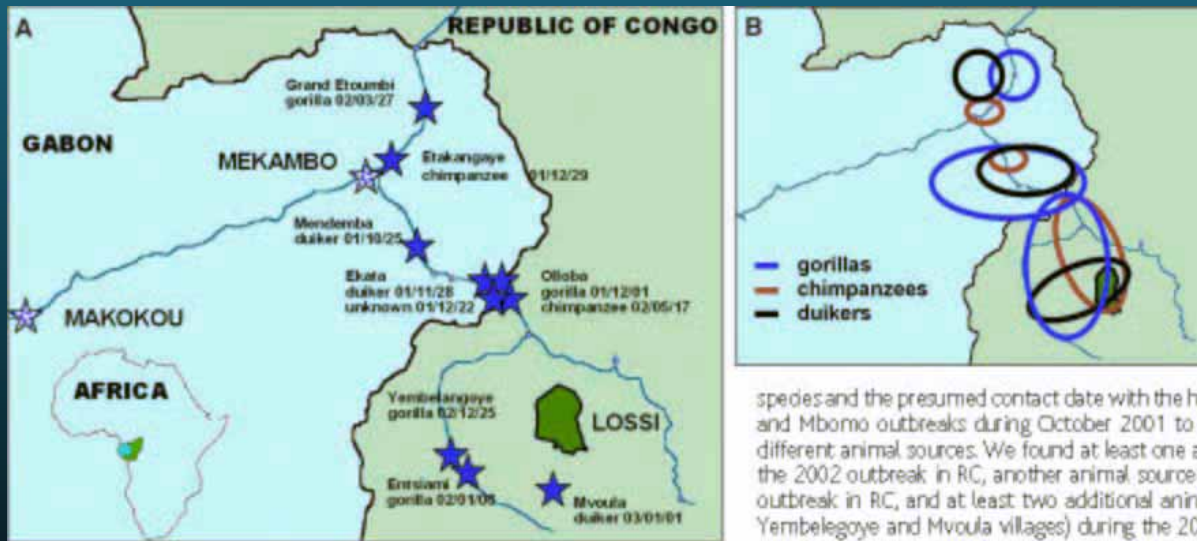


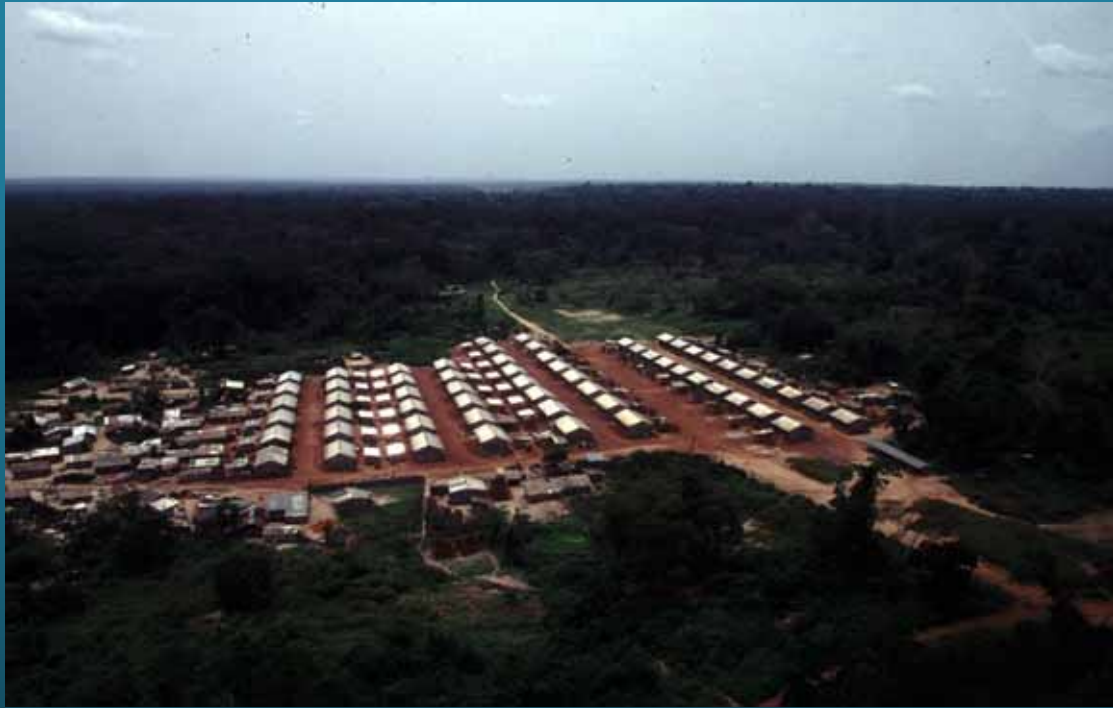
# Disease outbreak Investigations & Post-mortem exams



# Multiple Ebola Virus Transmission Events and Rapid Decline of Central African Wildlife

*SCIENCE*, Jan. 16, 2004





2,000,000,000 Lbs / Year  
(Central Africa )







*WHEN  
PIGS DO  
FLY*













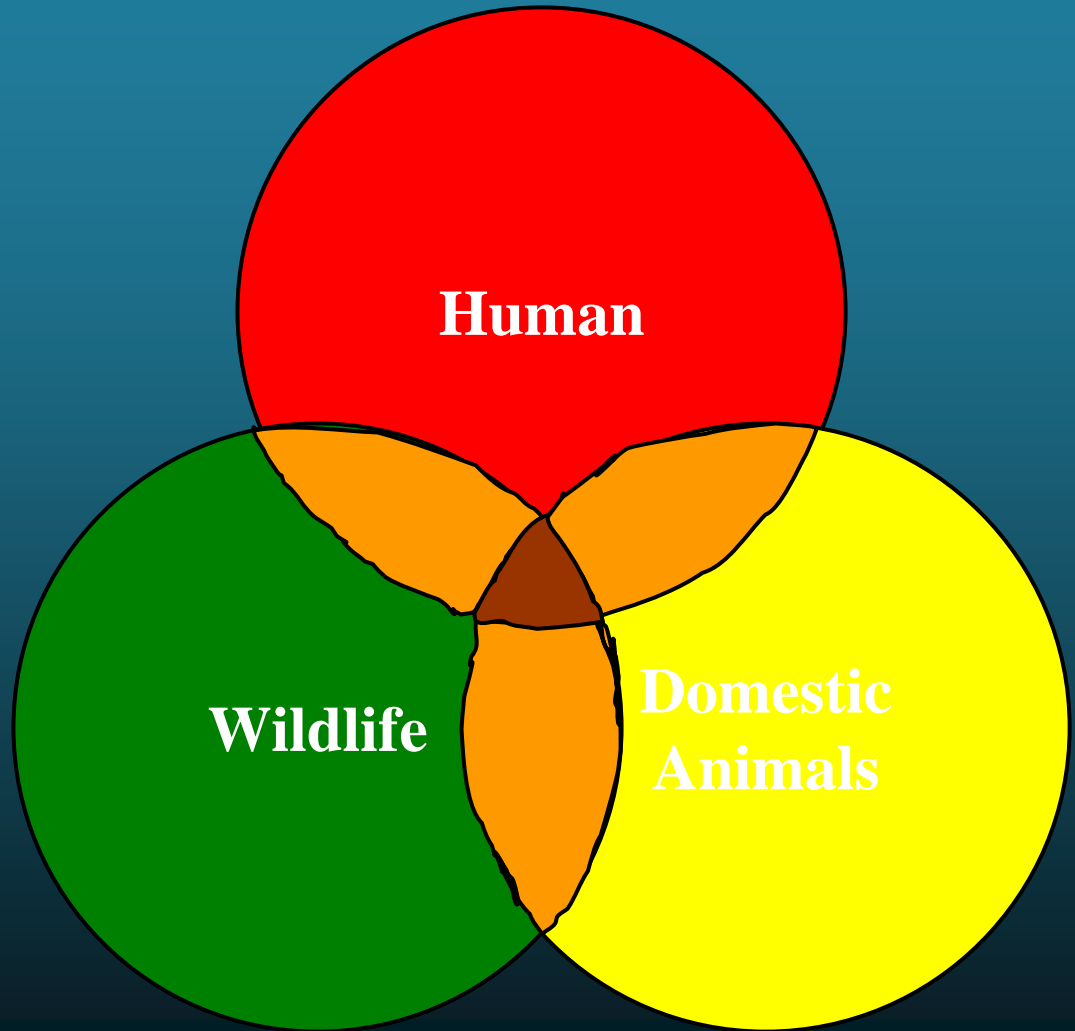




# Biosecurity Management

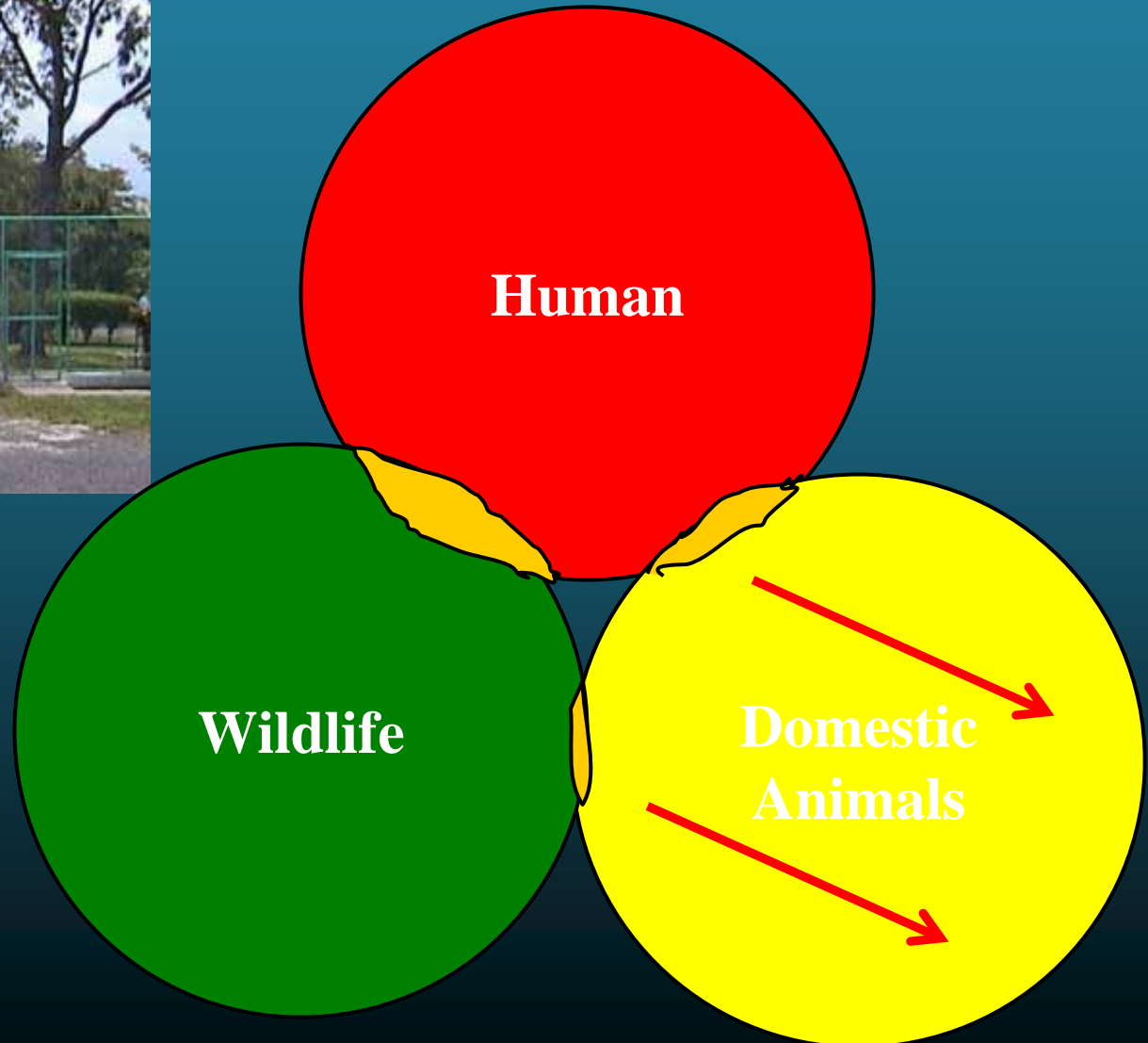


# Extensive Production Systems

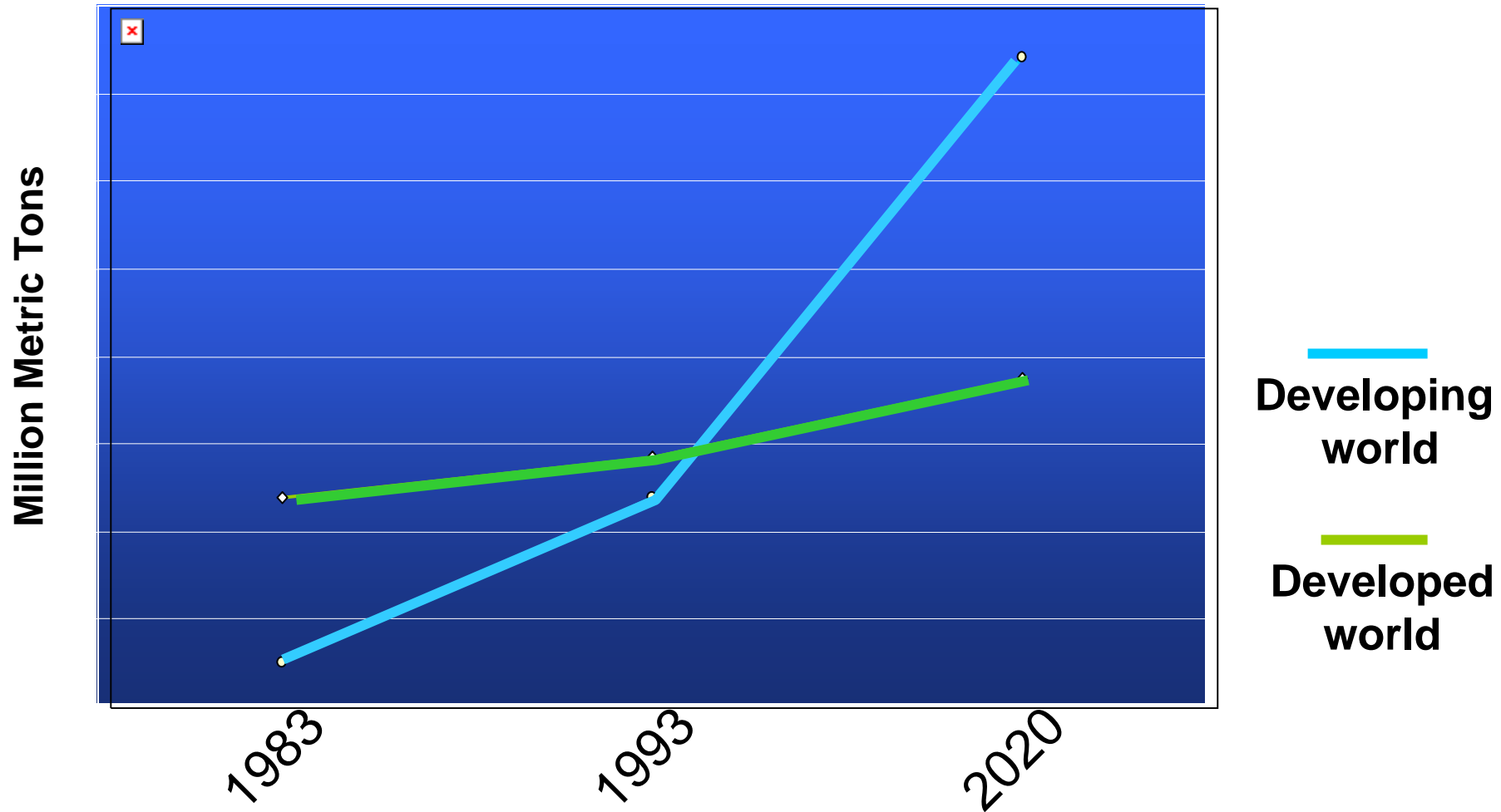




# Advanced Production Systems



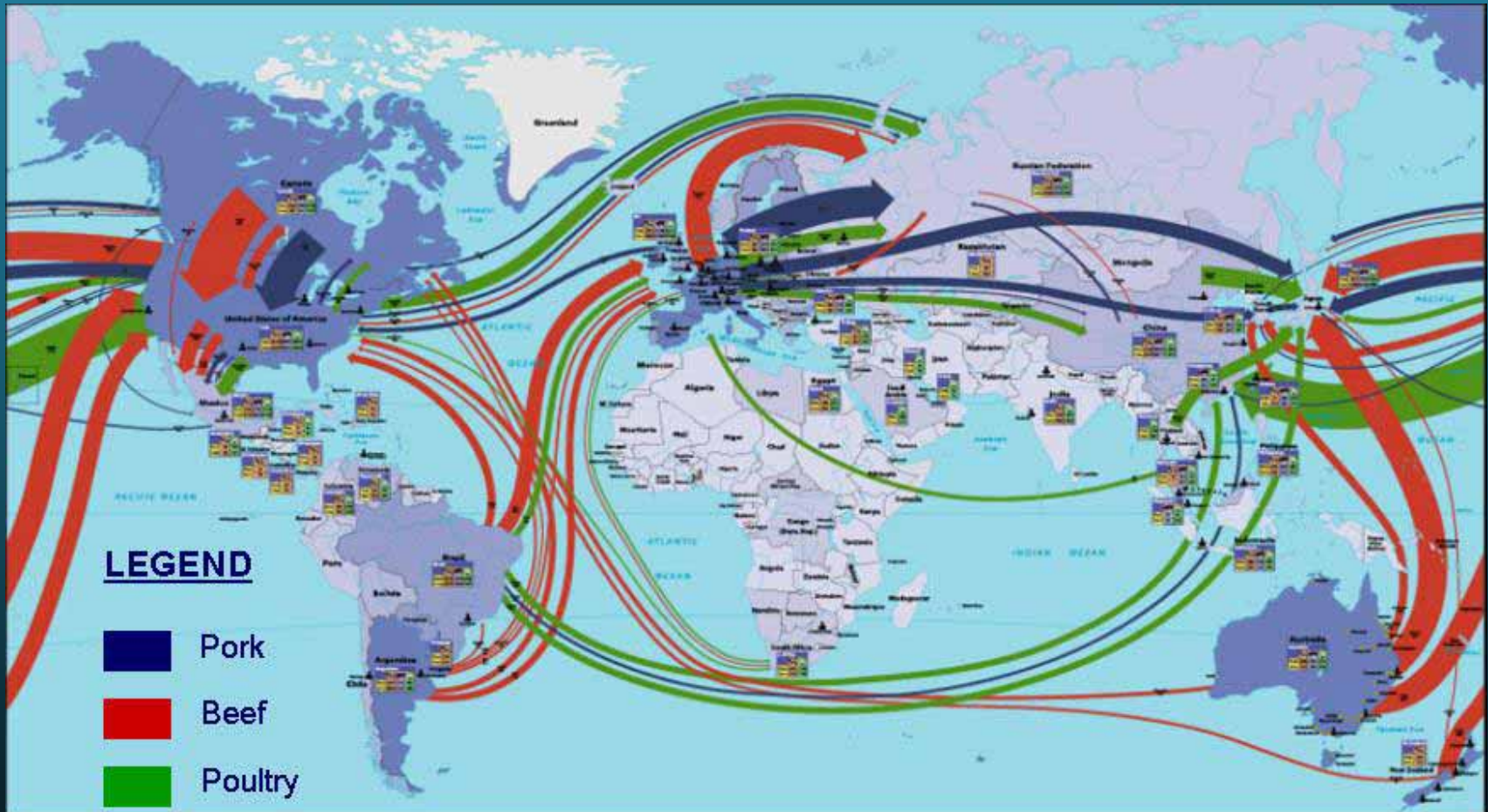
## World Meat Consumption: 1983-2020



Source: IFPRI, "Livestock to 2020: The Next Food Revolution"

FAO Annual Data. Total meat consumption for 1983 and 1993 are three-year moving averages.  
2020 projections come from IFPRI's global model, IMPACT

# The Global Meat Trade is Highly Concentrated



Source: Center for Global Food Issues











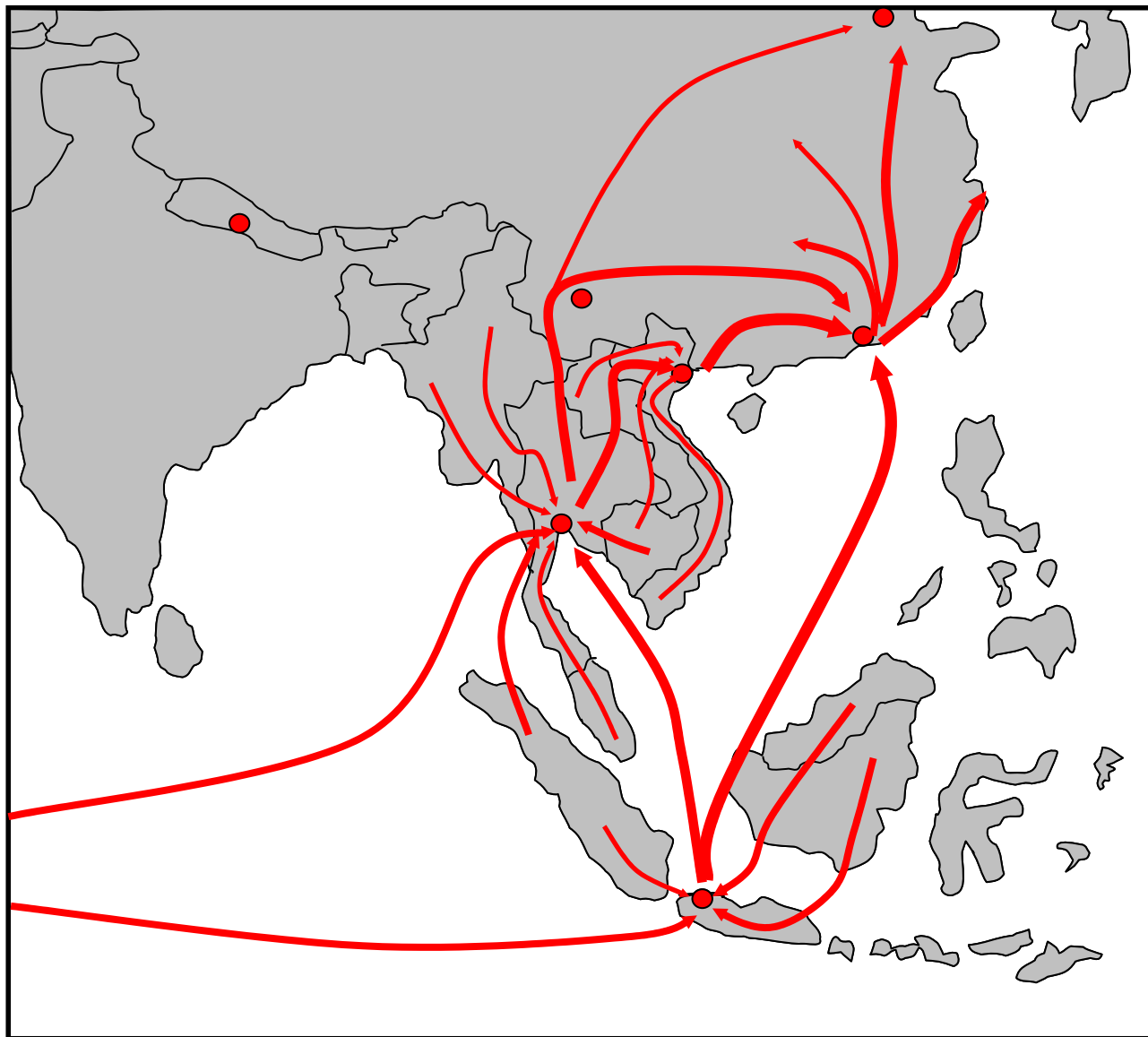






**70,000 birds,  
276 species  
sold in one Thai  
market  
over 25  
weekends**





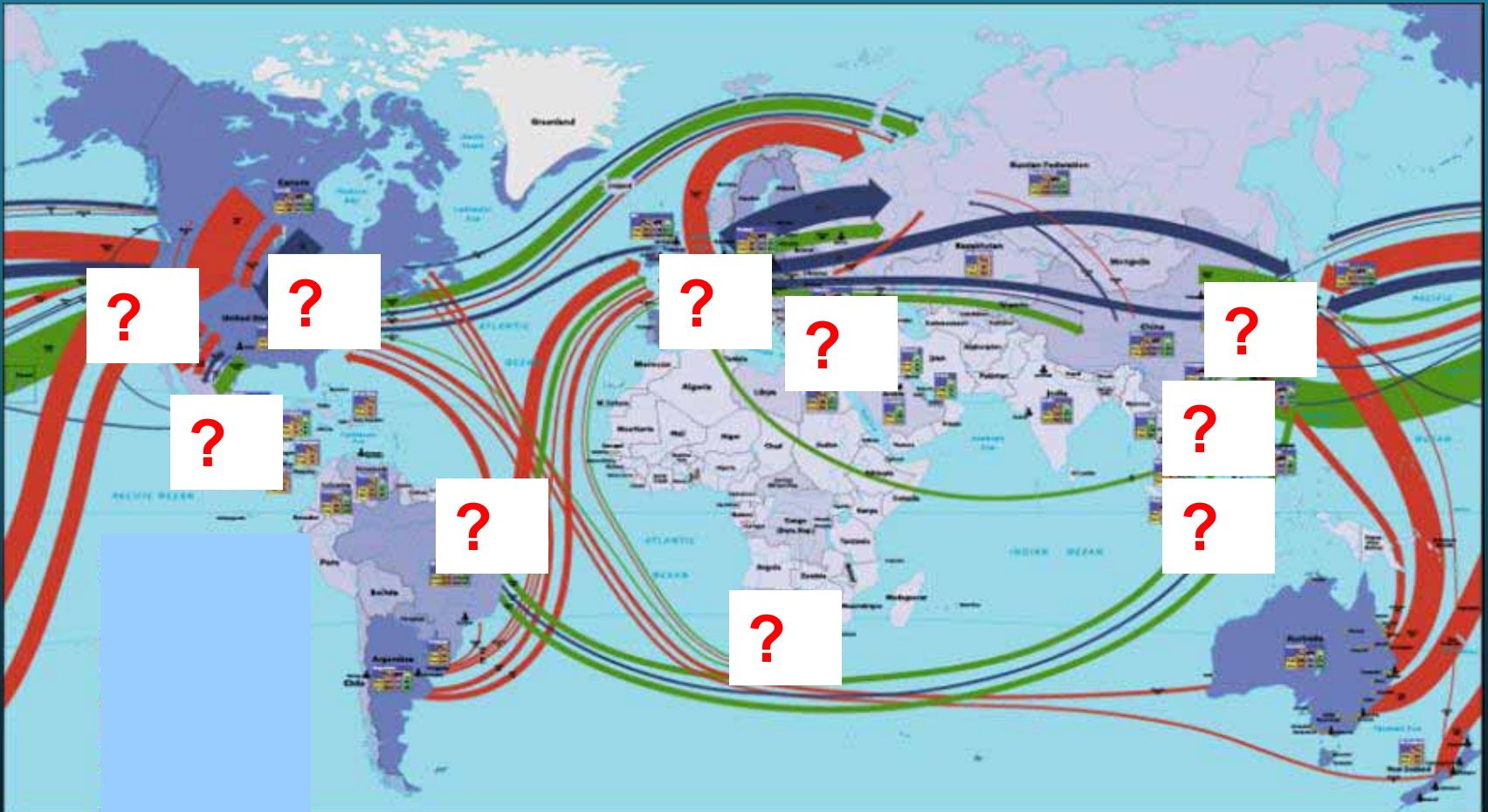




**GIVE FREEDOM TO THE BIRDS**  
**GOOD LUCK AND HAPPINESS**  
**WILL BE WITH YOU ALWAYS**  
**90 B-**



# The Global Wildlife Trade is Not Well Characterized



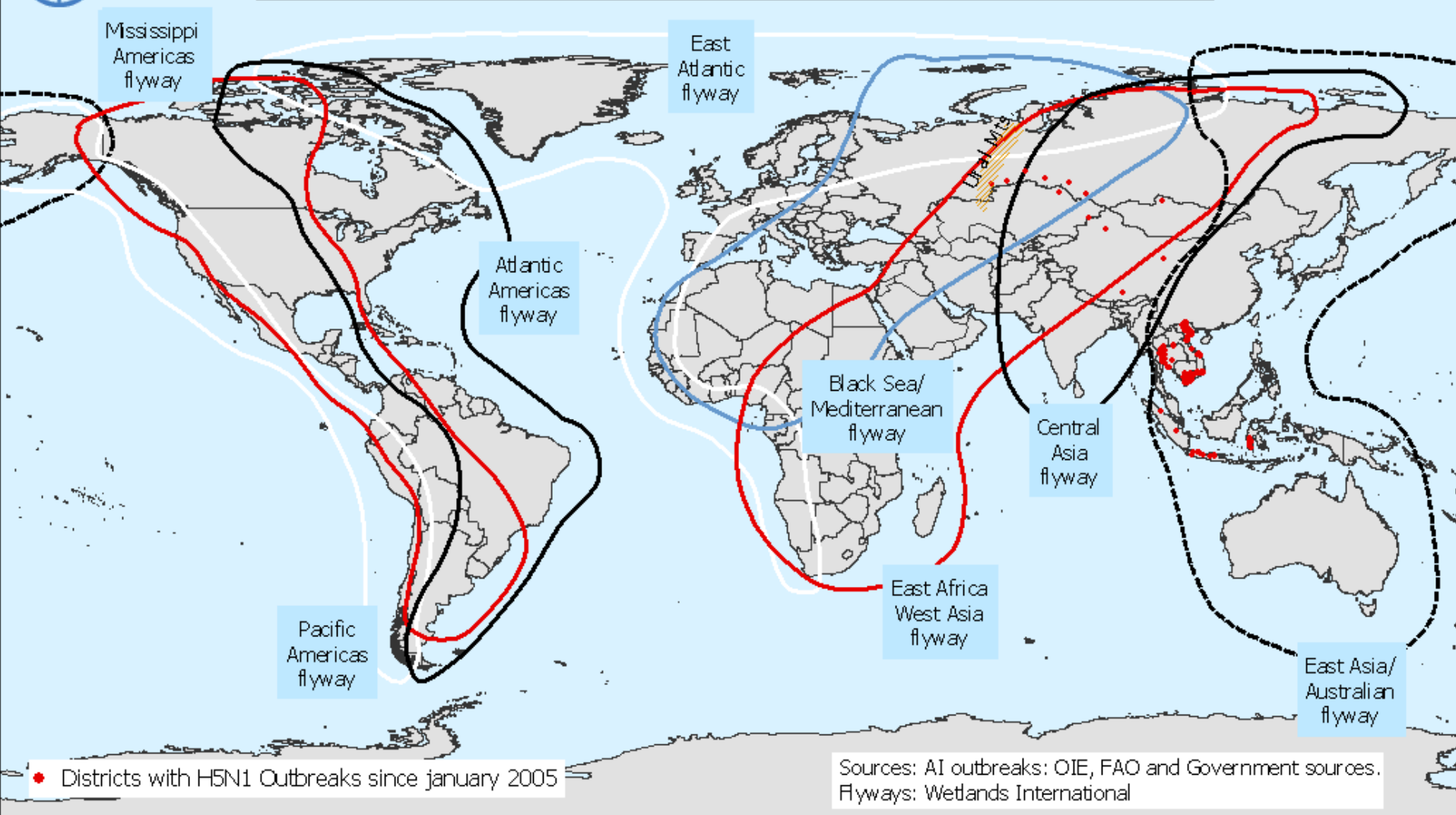
*H5N1 in Mountain Hawk Eagles illegally  
smuggled to Belgium from Thailand*





# H5N1 outbreaks in 2005 and major flyways of migratory birds

Situation on 30 August 2005



# OIE Russia Expedition - 2005

[illegible]

## Nazyvayevsky District

[illegible]





# OIE Russia Expedition - 2005



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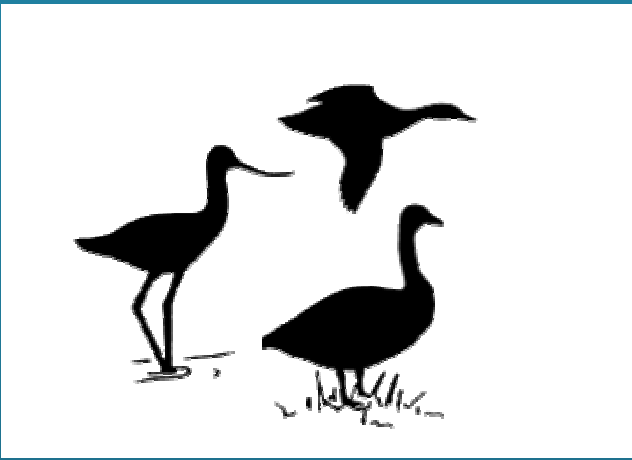
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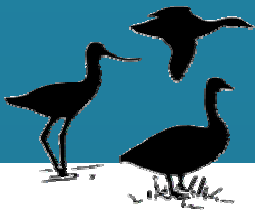
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hunting expedition

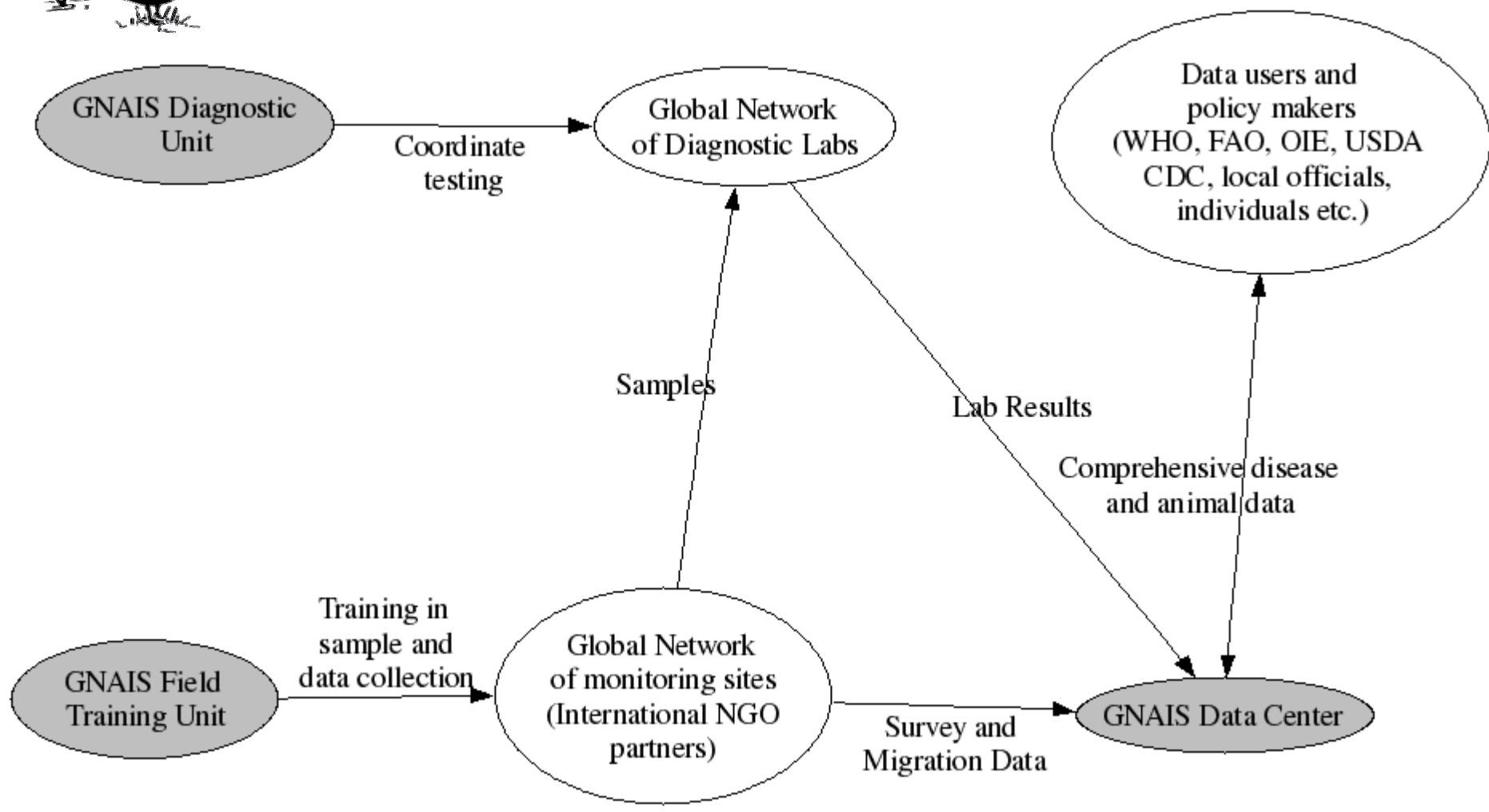
positive



# Global Network for Avian Influenza Surveillance



# GNAIS in Practice







bio-era



The Bay and Paul Foundations



one world • one health



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**one world • one health**