

Protecting the Health of Livestock, Humans and Wildlife

An Industry Perspective on Global Partnerships



Overview

- About Cargill
- Perspective of a Global Agribusiness
- Development of Public/Private Partnerships

Cargill Mission

Our Goal is to be the Global Leader
in Nourishing People

Customer Solutions

- Food Ingredients
- Grain & oilseed processing
- Beef, Pork, Poultry & Eggs
- Animal feed & feed ingredients
- Risk management & transportation



About Cargill

- Employ 124,000 employees in 59 countries
- Cargill operates 25 wholly owned companies and joint ventures within 16 provinces in China
 - Trading, soybean & corn processing, animal feed
 - Employ over 3000 people
- Cargill's annual trade value with China today exceeds US\$ 3 billion
 - Import grains, oilseeds, sugar, fruit juices & meats.
 - Export products such as steel, apple juice and corn.

Global Food Industry Perspective

- Efficiency of Production
- Global Supply Chains
- Brand Protection & Recognition
- Public Health Significance of Food Safety
- NEW - Public Health Threat from Zoonoses

Global Meat Supply Chains

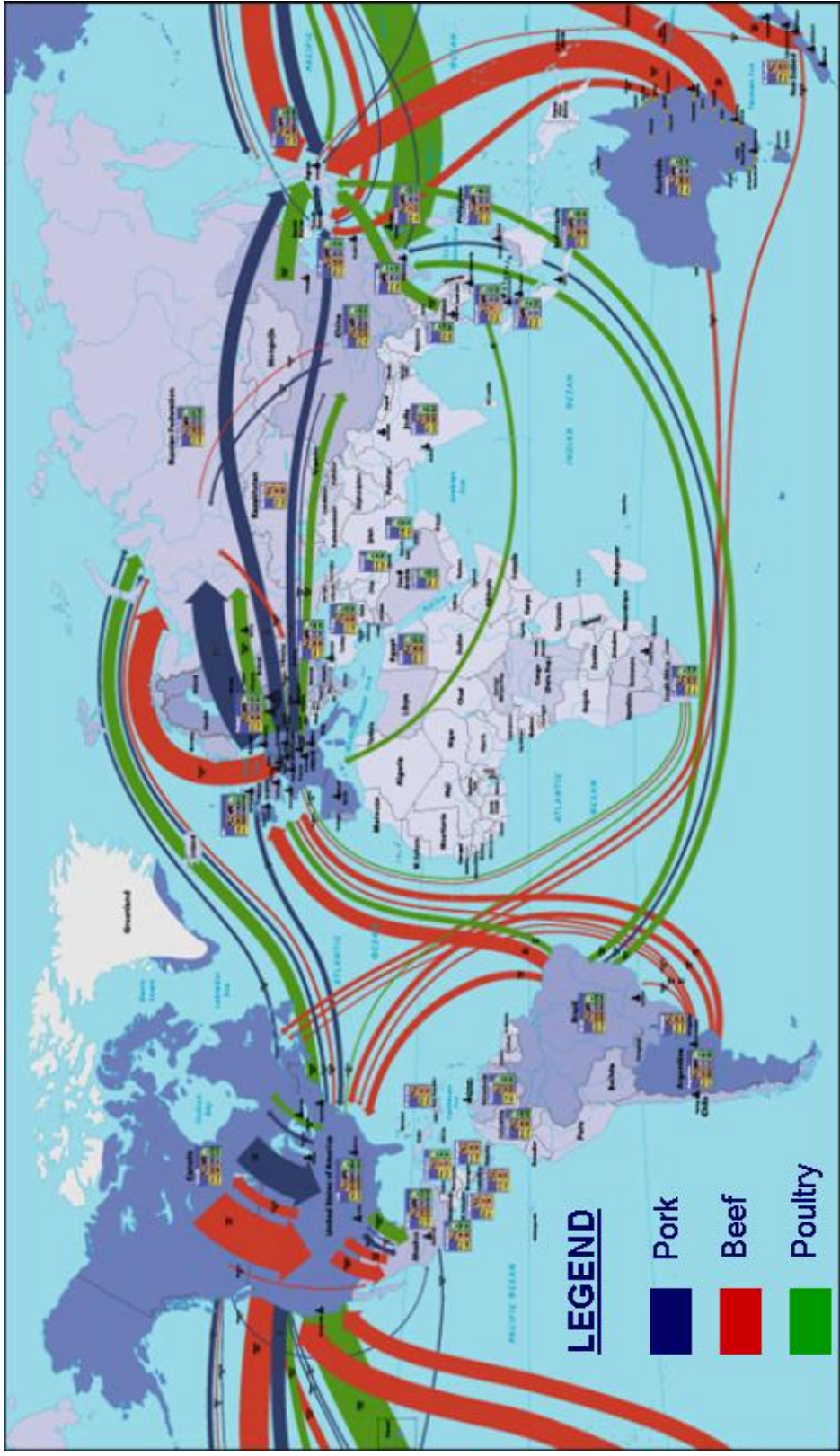
Advantages

- Efficient use of global resources
- Balance annual variation in regional supplies
- Increased variety of food for global consumers
- Promotes fair competition & sustained development
- Specialization & intensification of production systems
 - Systematic approach to biosecurity
 - Systematic approach to advanced food safety controls

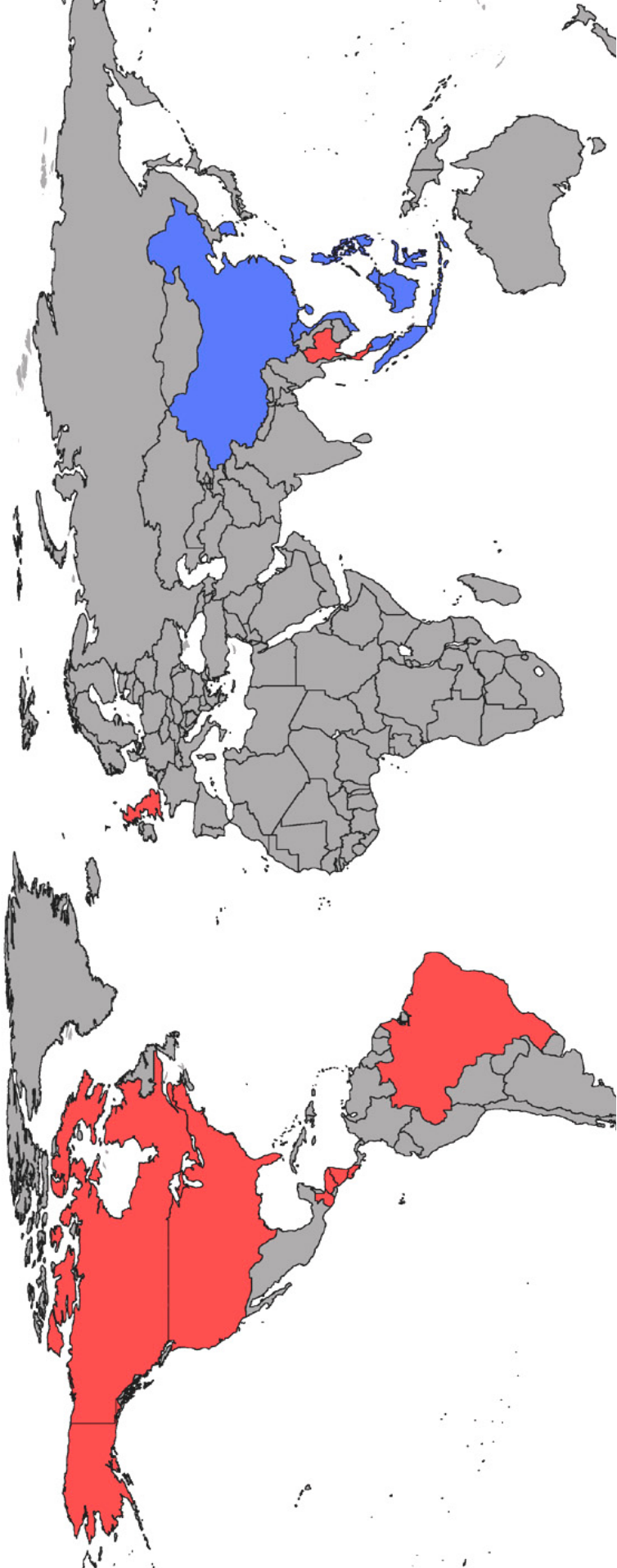
Challenges

- Emerging zoonotic diseases
- Trade barriers & disruptions

Global Meat Trade is Highly Concentrated



Poultry Supply Chain



Global Poultry Operations

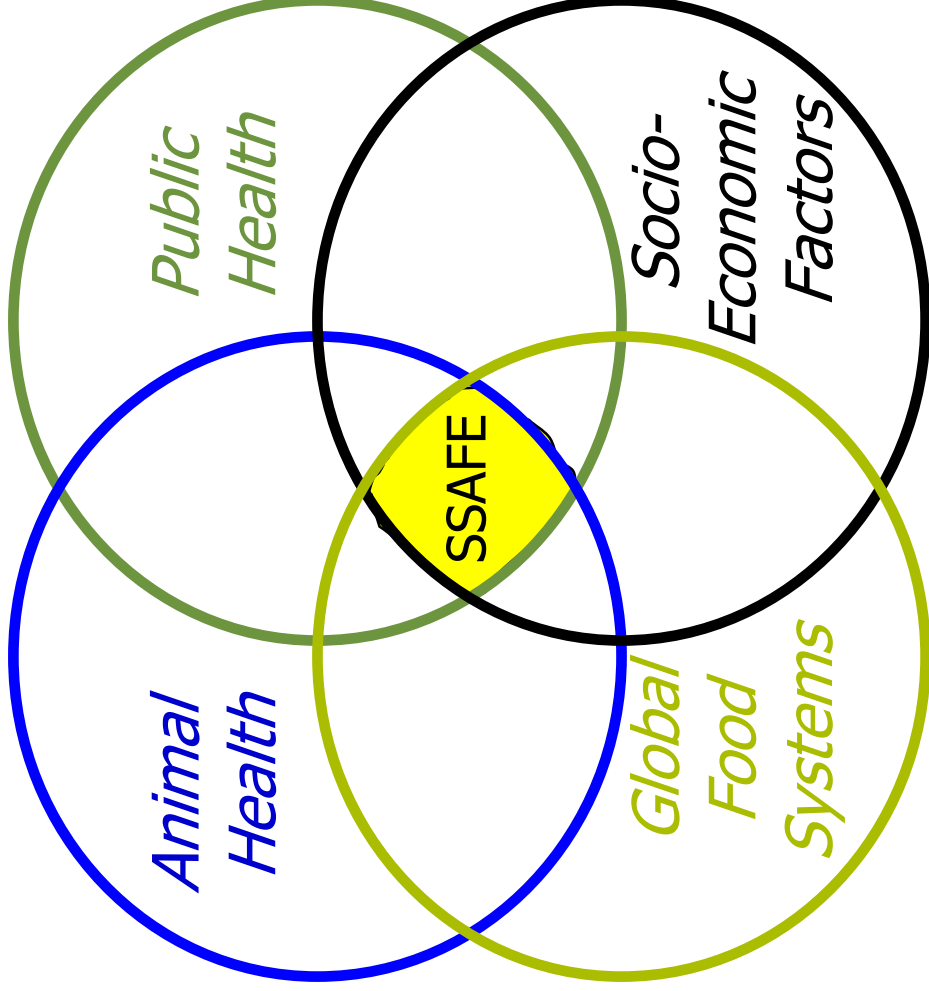


Asian Animal Feed Operations

Our Changing Environment:

- Increasing number of zoonotic diseases
- **Growth and vulnerability of the global supply chain**
- Public demand for transparency – open communications and active involvement
- **Broader skills needed for animal & public health specialists to address global issues**
- Threats = health risk + economic losses + trade barriers

Integrating Different Perspectives



Secure Safe Affordable Food Everywhere



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The Vision: Strengthening the Global Food Safety System

- Support an uninterrupted, sustainable food supply chain to and from all countries
 - consistent, affordable source of animal food products everywhere in the world
- Protect human and animal health
 - through science-based standards and their global implementation
- Help nations to improve infrastructure capacity
 - feed their population, increase stability, promote economic growth and stimulate education



Traditional Stakeholder Spheres



- *Independent, competing*
- *Different priorities*
- *Internally focused*
- *Arms-length relations*
- *Diverging success metrics*
- *National/self interests*

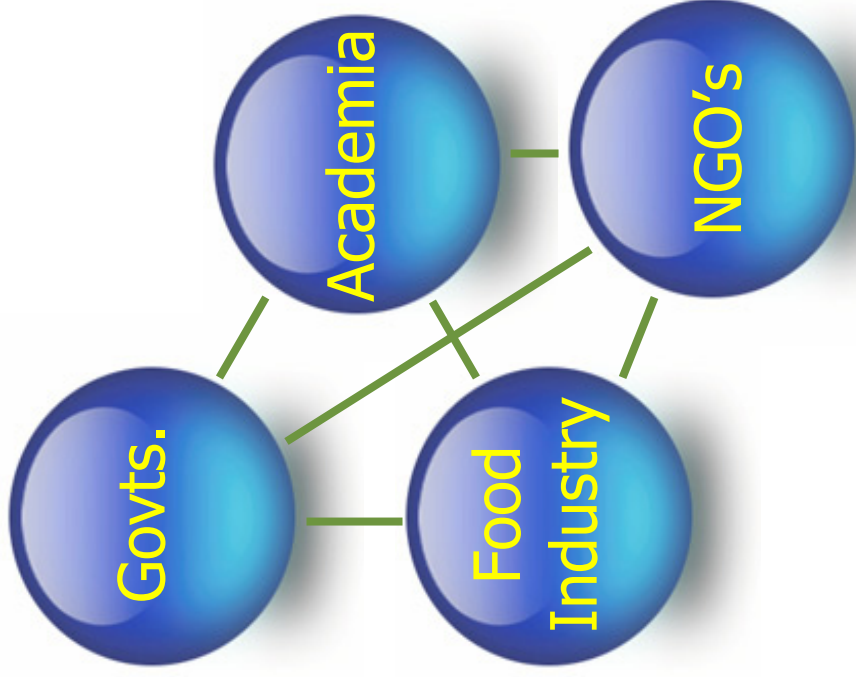


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Goal: New Alignment of Stakeholders



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Opportunity to Change the Paradigms

- Global approach to food supply system
- **Prevention & surveillance vs. control & disposal**
- Production zones & compartments vs. ‘disease freedom’
- **Recognition of ‘acceptable risk’ vs. ‘zero risk’**
- Safe food begins with healthy animals

**A Bold Initiative:
Global Food Stakeholders Aligned
with Common Goals**



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SSAFE: Initiatives Identified

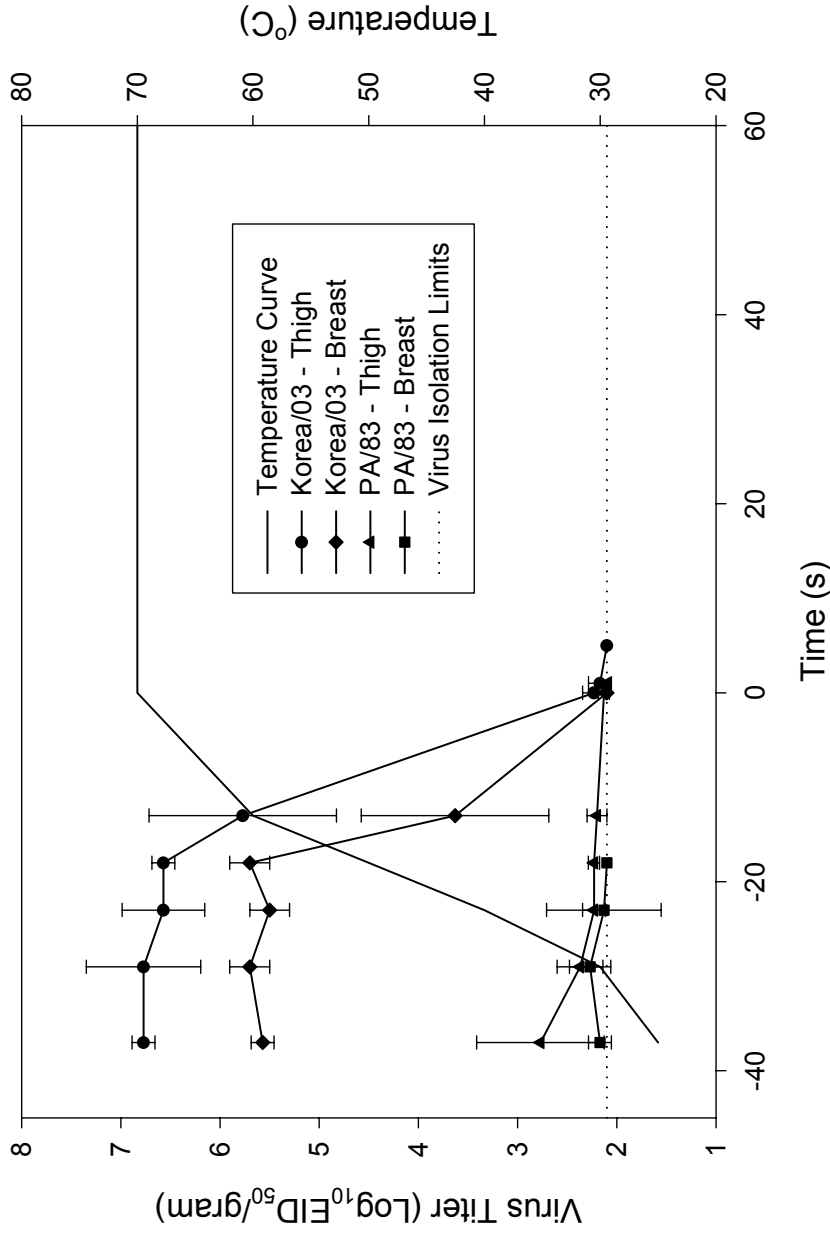
- Stakeholder Outreach
 - consumer groups, NGO's
 - intergovernmental agencies (OIE, FAO, WHO)
- Harmonized Cooked Poultry Standards
- Influenza Pandemic Threat
 - Short Term: Encourage public/private collaboration on educating small & backyard poultry farmers
 - Long Term: Encourage shift towards more efficient & biosecure animal production systems



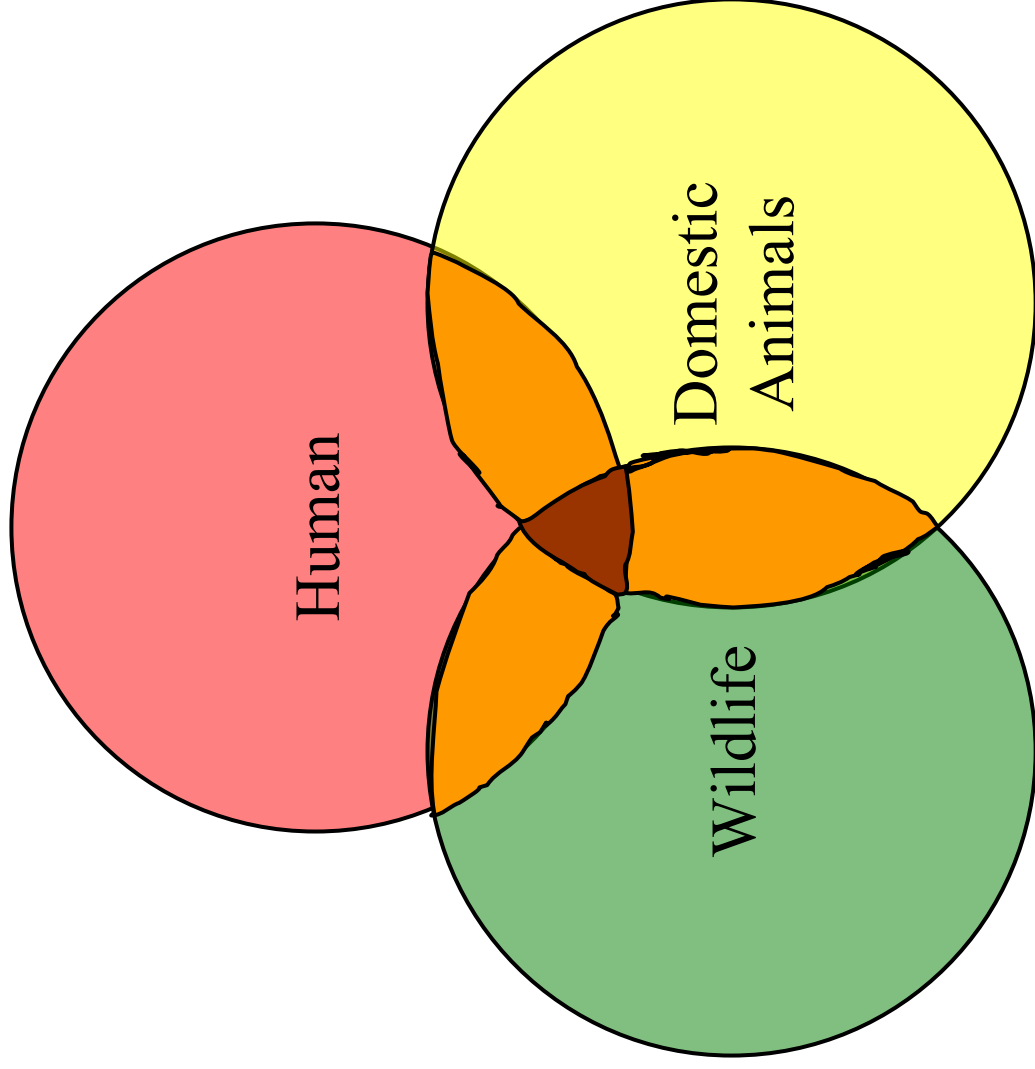
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SSAFE: Cooked Poultry Initiative

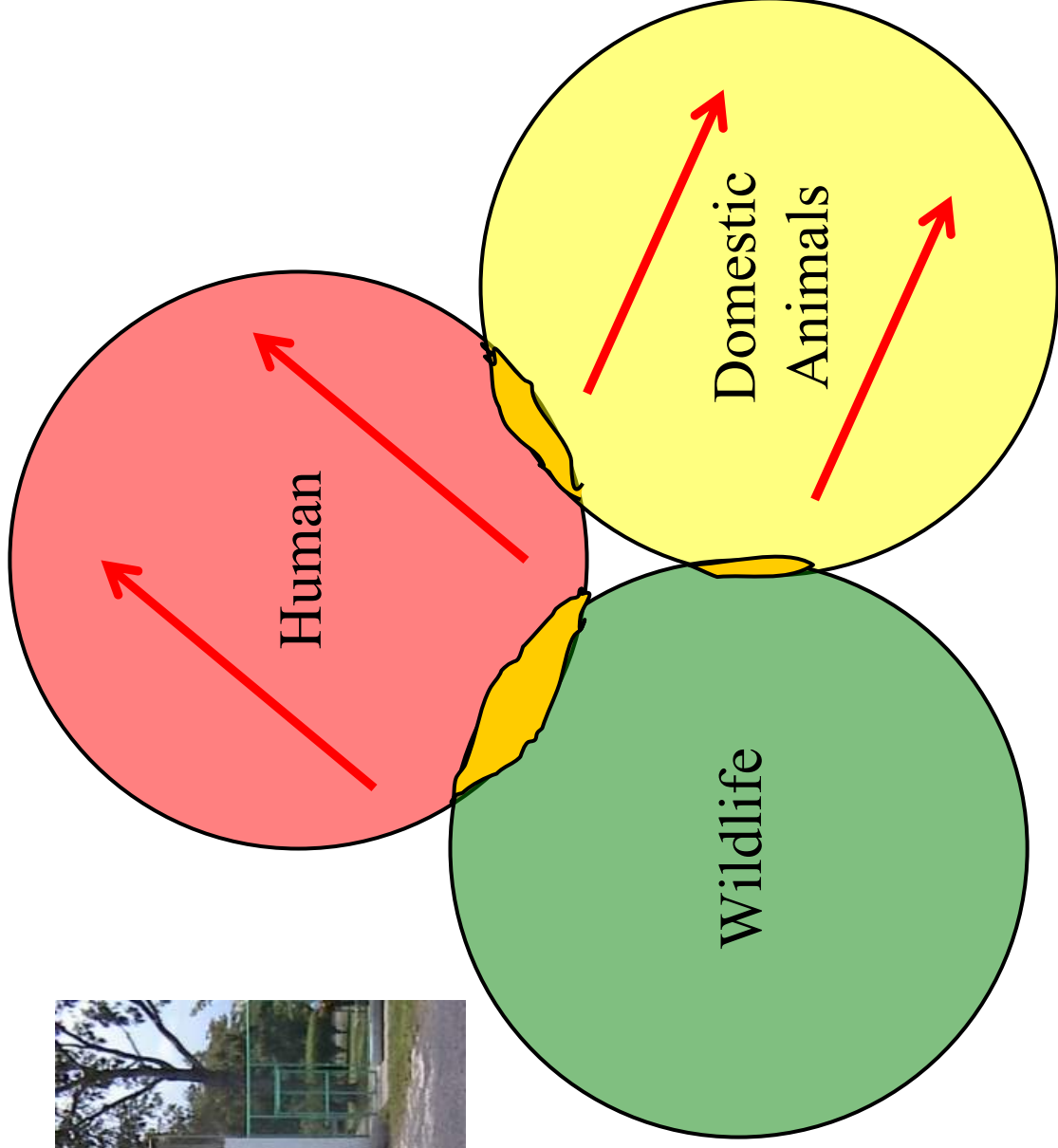
70°C kills H5N1



Extensive Production Systems



Advanced Production Systems



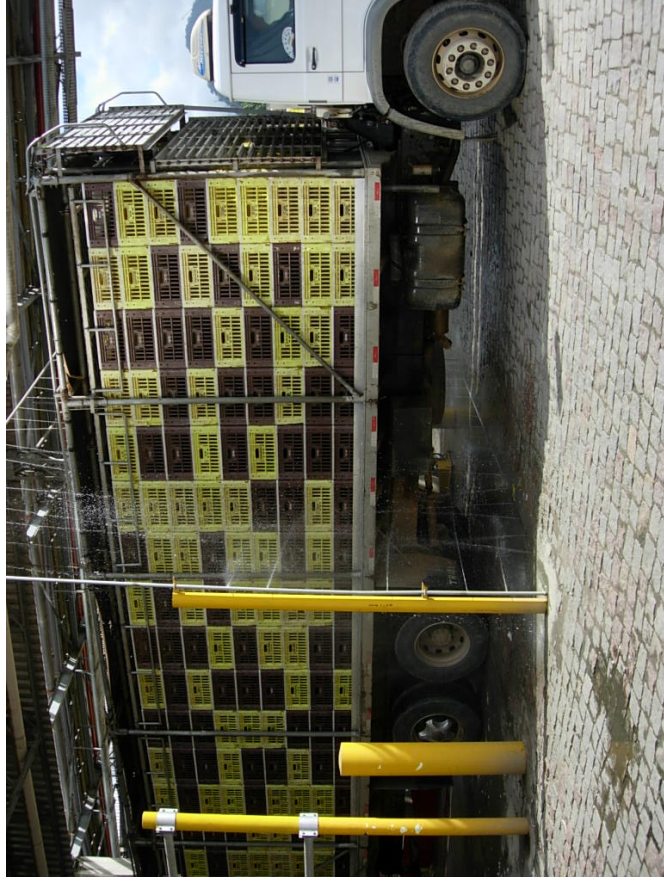
Biosecurity Management: On-Farm



Biosecurity Management: On-Farm



Biosecurity Management: Processing Plant



Education Opportunities: Private Sector

Cargill Animal Nutrition

- Collaborate on producer education & surveillance
 - SE Asia Field Days
- Half million producers/year
- Evaluating training as veterinary paraprofessional



Sun Valley Thailand

- Veterinary diagnostic capacity building
- Educate local farmers

SSAFE: Projects Being Explored

- Meeting for multinationals operating in Asia to explore opportunities on educating workforce
 - Best practices on backyard farming
 - Best practices on protecting family health
- Collaboration with World Bank & OIE
 - Producer outreach in Viet Nam
 - Veterinary laboratory capacity building in Brazil
 - Capacity building & education in Africa



Closing Points

- Global Food Supply Chains benefit all
- Global Food Industry leaders are seeking collaborative means to address emerging infectious diseases
- Advanced Agricultural Production systems are part of the global solution to these threats

Thank You



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