FOOD SAFETY & ASF

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The Problem

- Diverse & Changing Diets
- Lagging & Expensive Public Sector Investment
- Confusing & Costly Management Systems
- Threat to Health
GFSS 2017 to 2021

Goal: Sustainably reduce global hunger, malnutrition, and poverty

Objective 1: Inclusive and sustainable agricultural-led economic growth
- IR 1: Strengthened inclusive agriculture systems that are productive and profitable
- IR 2: Strengthened and expanded access to markets and trade
- IR 3: Increased employment and entrepreneurship
- IR 4: Increased sustainable productivity, particularly through climate-smart approaches
- IR 5: Improved protracted risk reduction, mitigation, and management
- IR 6: Improved adaptation to and recovery from shocks and stresses
- IR 7: Increased consumption of nutritious and safe diets

Objective 2: Strengthened resilience among people and systems

Objective 3: A well-nourished population, especially among women and children
- IR 8: Increased use of direct nutrition interventions and services
- IR 9: More hygienic household and community environments

Effective response to emergency food security needs

Cross-Cutting Intermediate Results (IR)
- CC IR 1: Strengthened global commitment to investing in food security
- CC IR 2: Improved climate risk, land, marine, and other natural resource management
- CC IR 3: Increased gender equality and female empowerment
- CC IR 4: Increased youth empowerment and livelihoods
- CC IR 5: More effective governance, policy, and institutions
- CC IR 6: Improved human, organizational, and system performance

Complementary Results
Long-term food security efforts benefit from and contribute to complementary work streams that promote:
- Economic growth in complementary sectors
- Healthy ecosystems and biodiversity
- Stable, democratic societies that respect human rights and the rule of law
- A reduced burden of disease
- Well-educated populations
Why Food Safety
The burden of **foodborne diseases** is substantial

Every year foodborne diseases cause:

- **Almost in 10 people** to fall ill
- **33 million healthy life years** lost

Foodborne diseases can be deadly, especially in children <5

- **420,000 deaths**
- **Children account for almost 1/3 of deaths** from foodborne diseases

**FOODBORNE DISEASES ARE PREVENTABLE. EVERYONE HAS A ROLE TO PLAY.**

For more information: [www.who.int/foodsafety](http://www.who.int/foodsafety)

#SafeFood

To Improve Nutrition

Improve Diet Diversity

Better Nutrition
Foods implicated in FBD

Source-Delia Randolph from Painter et al., 2013, Sudershan et al., 2014, Mangan et al., 2014; Tam et al., 2014; Sang et al., 2014; ILRI, 2016
Some health Impacts of FBD

- Immediate (acute) --- 70% Diarrheal diseases
- Delayed (Chronic) ---- Cancer, Stunting?
Food Safety Impact on Nutrition

- Diarrheal diseases---Wasting
- Stunting
- Development
- Well-being
- Mortality
- Morbidity
Economic Impacts of Food Safety-Direct

- Loss of life
- Lost productivity
- Loss of leisure & travel opportunities
- Health Care system
- Loss of income
- Funeral cost
Scaling ASF production – needs attention to small and big details

→ Regulation only?

→ How about Capacity?

→ Technologies only?

→ Is it PPP?
ILRI approach - Three legged stool

Pull approach (demand for safe food)

Consumers recognize & demand safer food
Consumer campaign for empowered consumers

Push approach (supply of safe food)

VC actors respond to demand & incentives
Inform, monitor & legitimize VC actors

ENABLING ENVIRONMENT

Build capacity & motivation of regulators

Source: Delia Randolph
Always consider Gender

1) Direct implication for women’s health---Pregnant and lactating

2) Culture affects the relative consumption of risky foods by men and women

3) Livelihood implication

4) Women are risk managers with disadvantageous access to support and resources
Global burden of FBD (DALYs/100,000 pop) by hazard grp by sub-region, 2010. FERG

9% carry 40% of FBD!!

Thank You!

www.feedthefuture.gov