

FOOD SAFETY & ASF

Ahmed Kablan, PharmD, PhD

Science Adviser/Senior Nutrition & Public Health

Office of Agriculture Research & Policy, Bureau For
Food Security-USAID



The Problem

Diverse & Changing Diets

Threat to Health

Confusing & Costly Management Systems

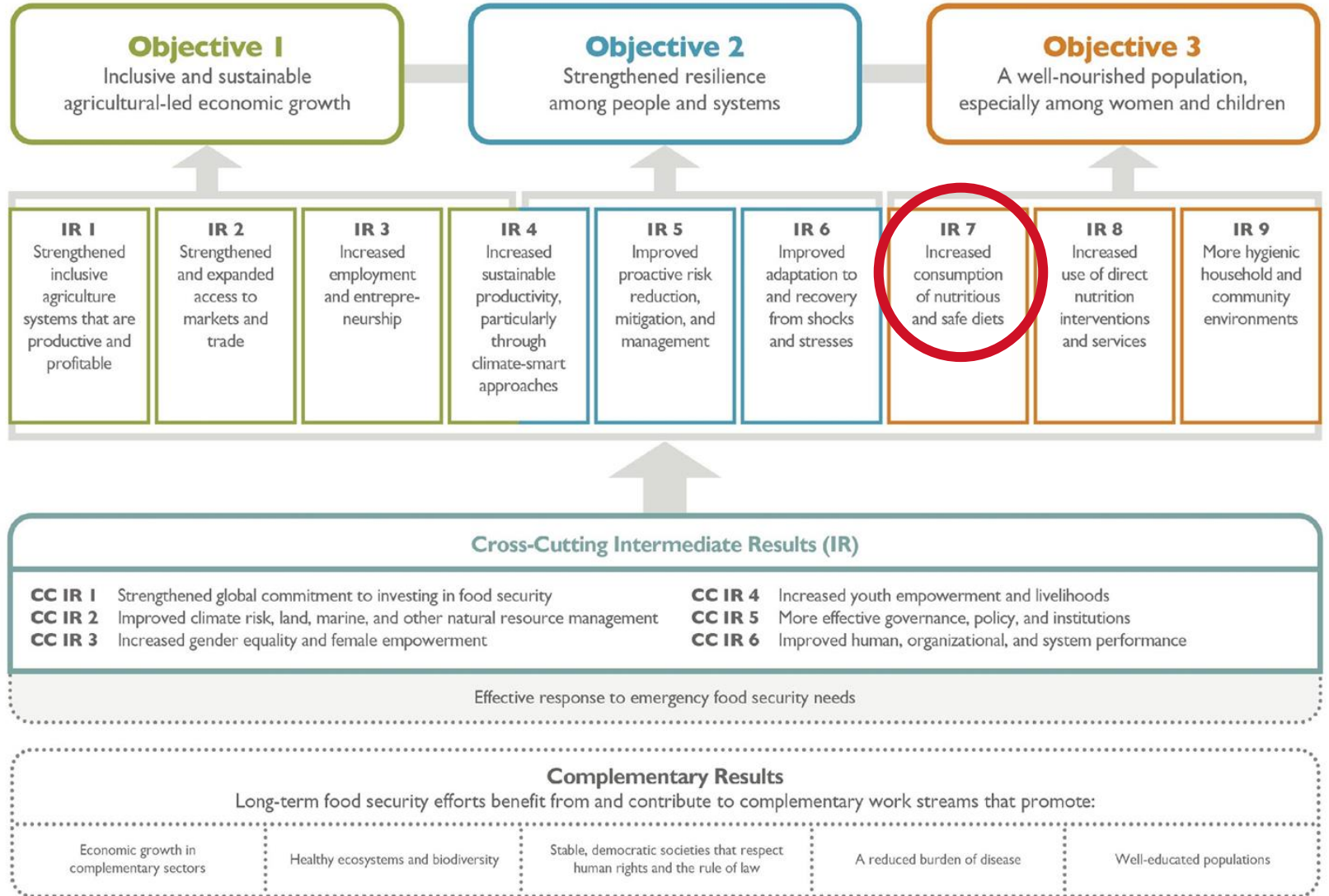
Lagging & Expensive Public Sector Investment

GFSS 2017 to 2021



Stunting, Wasting, Underweight

Goal: Sustainably reduce global hunger, malnutrition, and poverty



Why Food Safety



Chicago Dept. public health



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

#SafeFood

Source: WHO Estimates of the Global Burden of Foodborne Diseases, 2015.



**World Health
Organization**

To Improve Nutrition



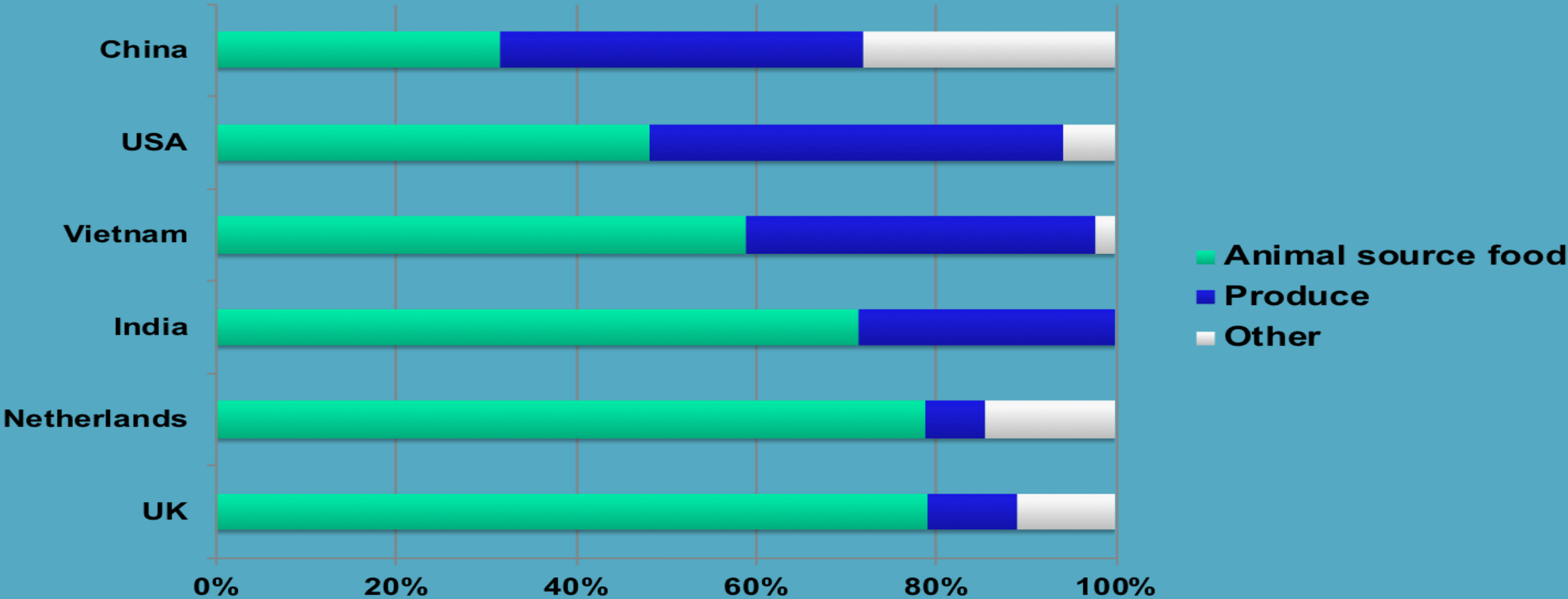
Improve
Diet
Diversity



Better Nutrition



Foods implicated in FBD



Some health Impacts f 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?

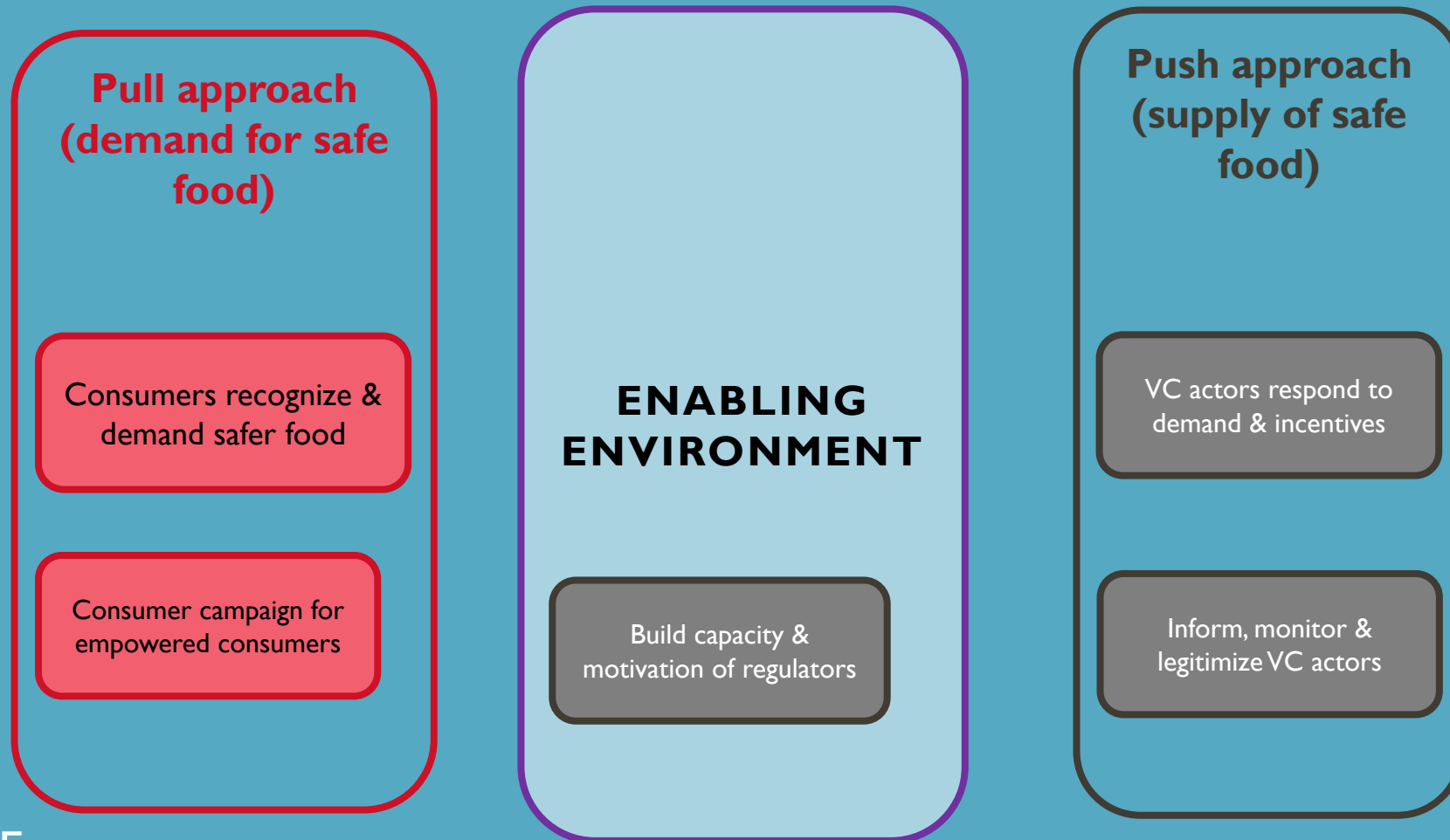
➔ How about Capacity?

➔ Technologies only?

➔ Is it PPP?



ILRI approach - Three legged stool



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!