



FEED THE FUTURE

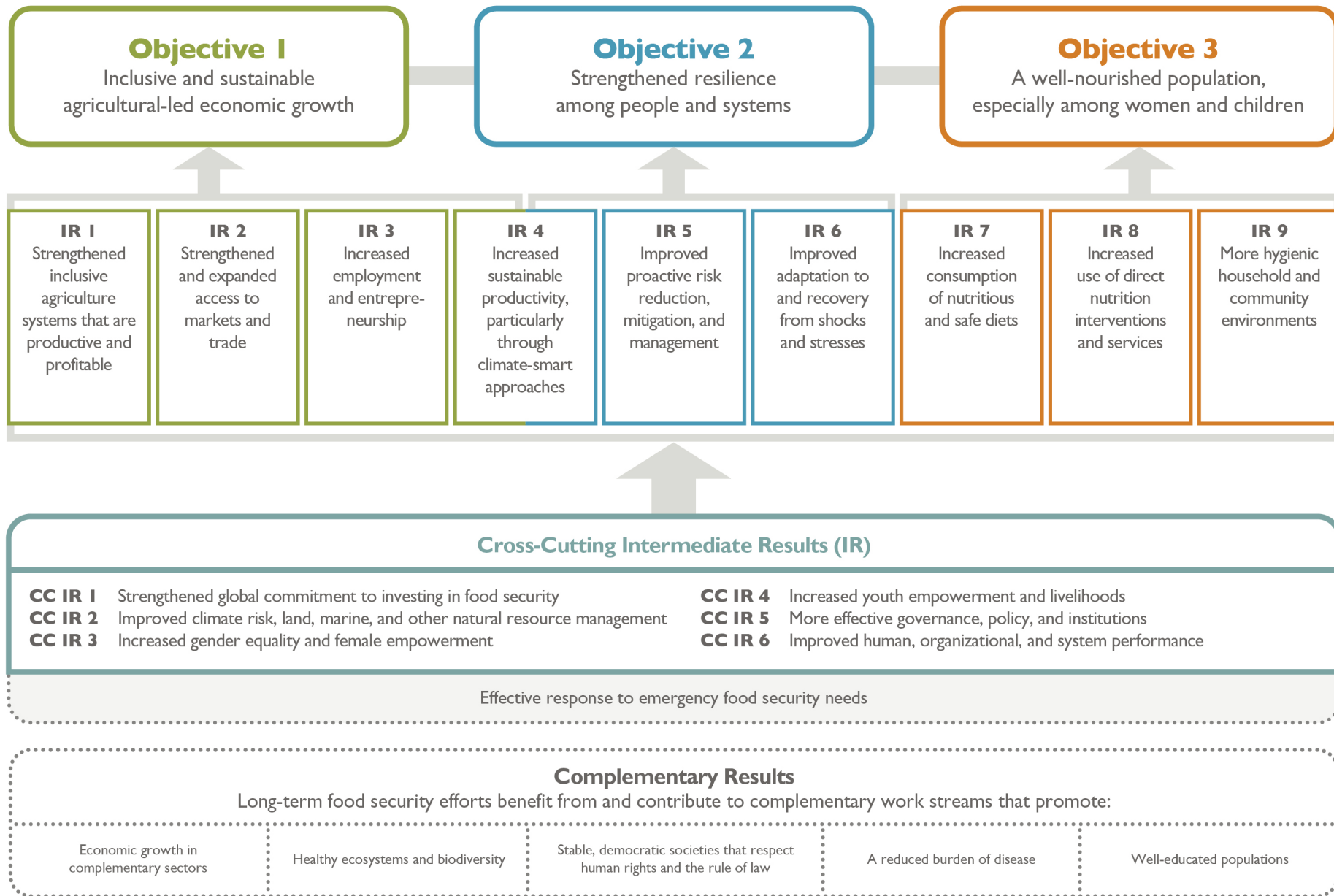
The U.S. Government's Global Hunger & Food Security Initiative



What impact language do you speak?

USAID, Bureau for Resilience and Food Security

Goal: Sustainably reduce global hunger, malnutrition, and poverty





What do we measure and how?

Focus on farm-level productivity, sustainable intensification and farm profitability.

We measure at two levels:

- ***Zone of Influence level*** in 12 target countries (mostly sub-Saharan)
 - livestock module when applicable
- ***Project level for each implementing mechanism***



Range of ***standard indicators*** (output, outcome and impact) (using standard PIRS indicator definitions)

4 key farm level agriculture indicators:

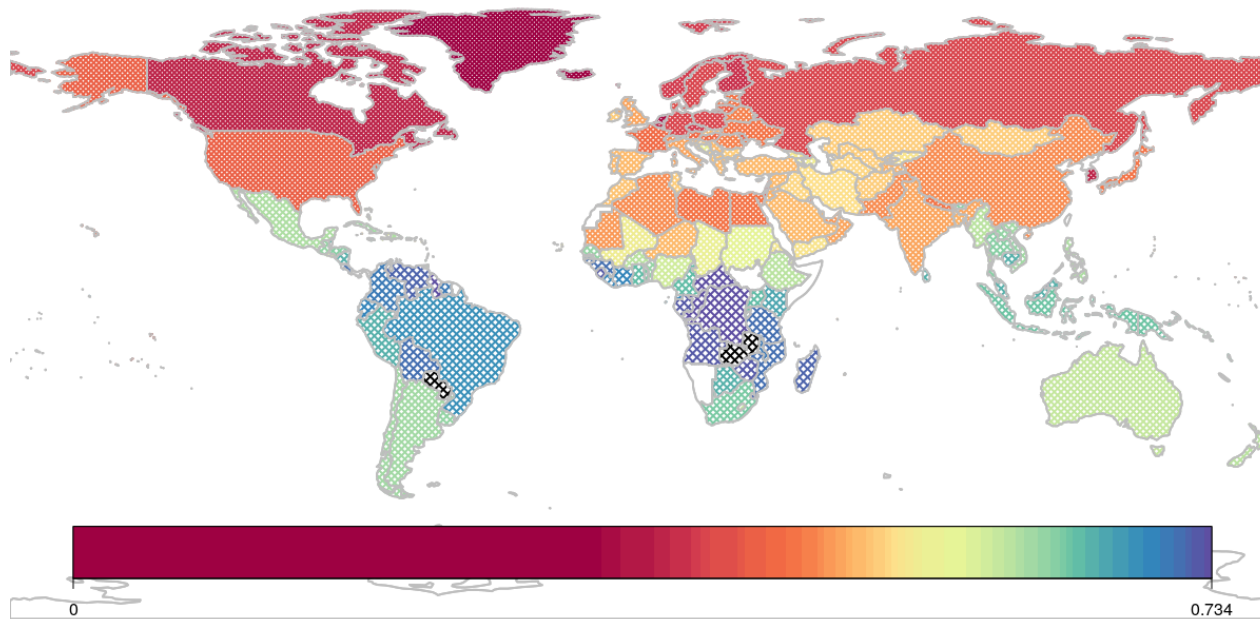
- Number of farmers applying improved management practices
- Yield (production output / unit of production) (productivity)
- Number of hectares under improved technologies/management practices
- Value of incremental sales

Context indicators (e.g. rainfall, NDVI) understand true programming impact.



Risk of Emerging Infectious Diseases

Mean Risk per Country of Emerging Infectious Diseases





All livestock systems were treated equally - Apples and Oranges?

Disaggregate livestock results by 4 production systems:

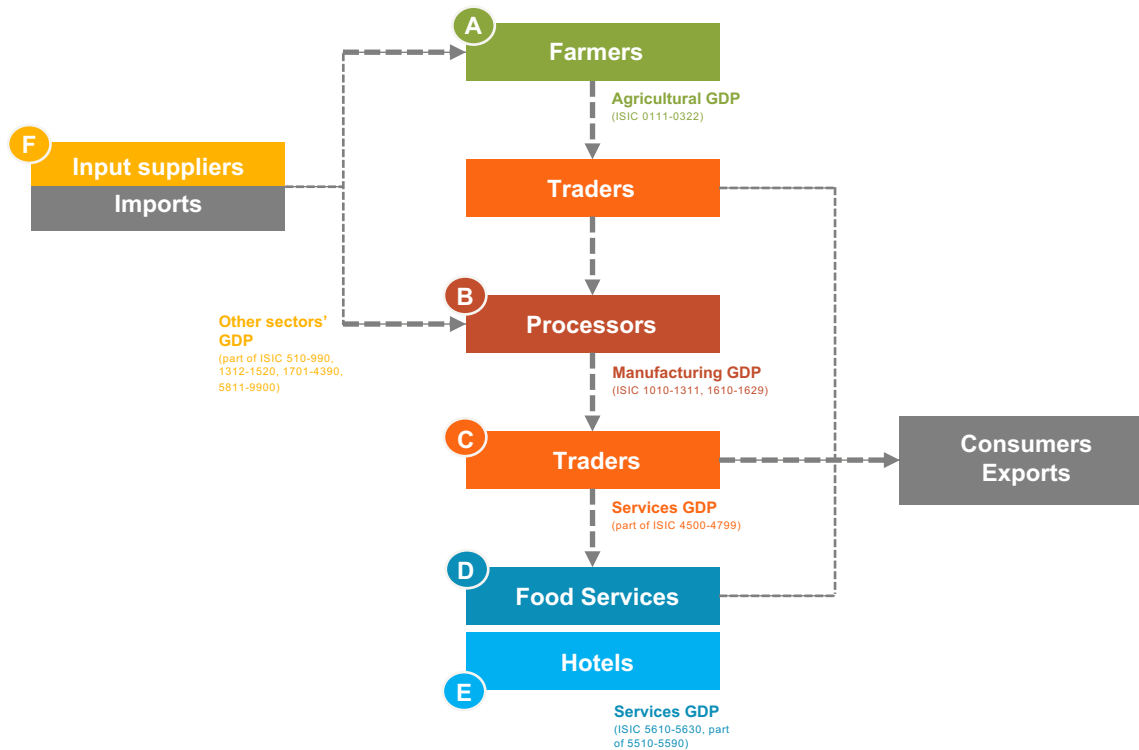
- ***Rangelands***
- ***Rural mixed-crop***
- ***Urban-peri-urban***
- ***Intensive commercial confined systems***

Also gender disaggregation of data



What's in the “+”?

Six major components (A to F), including agriculture



AgGDP+ combines agriculture GDP and the portion of upstream and downstream sectors that can be linked to agricultural production (measured in constant dollars)

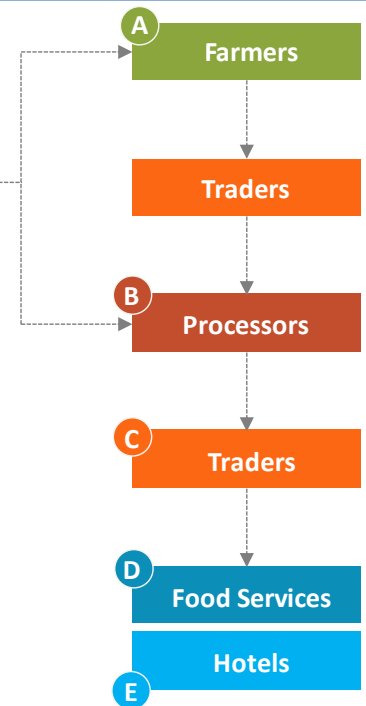
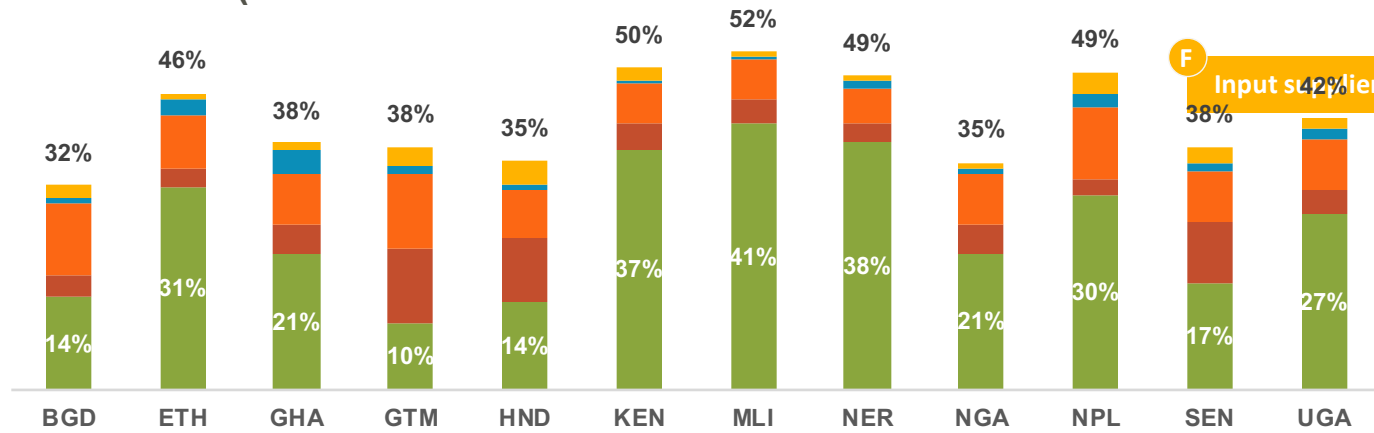


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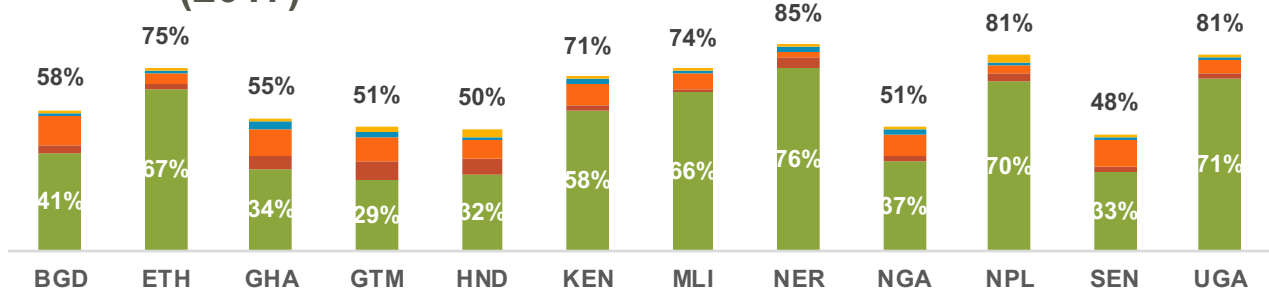
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AgGDP+ / AgEMP+ Components

AgGDP+ (2017)



AgEMP+ (2017)





What is not well measured?

Multifunctionality of livestock: other benefits/outputs of livestock production systems – risk management, financial services, crop-livestock synergies, ecosystem services, not captured

Externalities – (GHG emissions, water footprint etc.) only captured on an ad hoc basis and by environment office (e.g. CCAFS PRIME evaluation)

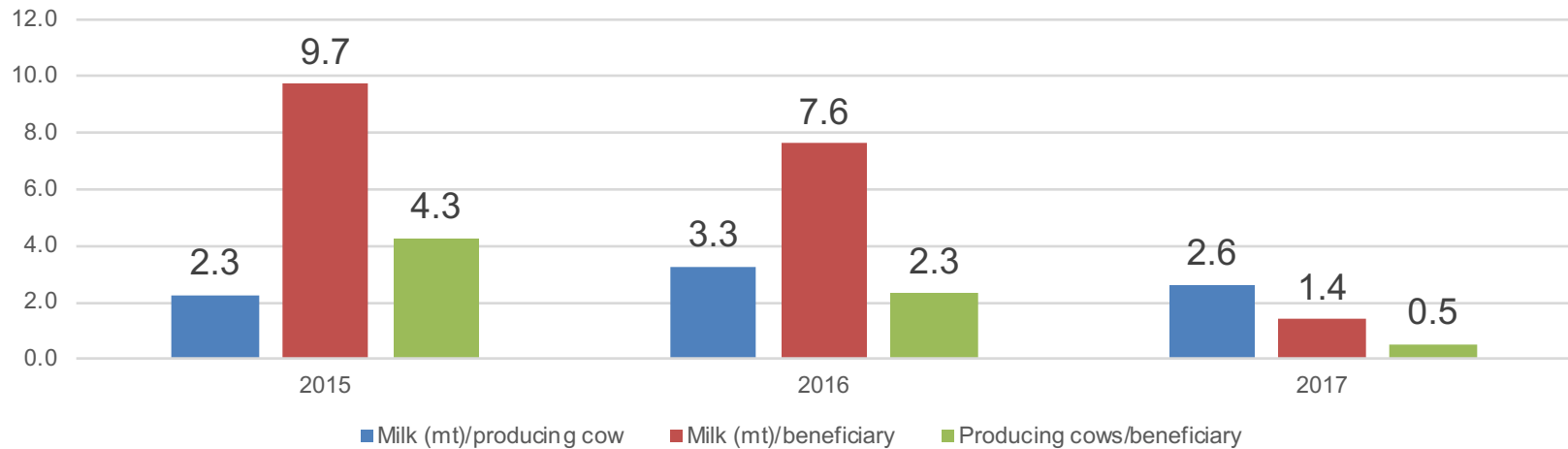
Food loss and waste (including mortalities and morbidities) not systematically captured



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Milk (mt) per producing cow and per beneficiary, and number of producing cows per beneficiary 2015-2017





Milk (mt) per producing cow and per beneficiary, and number of producing cows per beneficiary, by sex of producer
2017

