Livestock Health as a contributing factor to human health and nutrition outcomes

AIARD 2018
Why is livestock important?

USAID provided $100 mil of funding to 154 livestock-related activities in FY17.
Development Approach

• Increase Access
• Increase Affordability
Is it working?

NOTE: Prevalence and number of undernourished people in the world, 2000–2016. Figures for 2016 are projected estimates (see Box 1 on p. 4 and Methodological notes in Annex 1, p. 95). SOURCE: FAO.
Why not?

Improved Nutrition Outcome

Negative health impact
Focal Areas

- Increased human contact with livestock
- Food safety
Human Contact

- Diarrhea
- Environmental enteropathy
- Antimicrobial resistance
Human Contact

- Swine flu
- Avian influenza
- H1N1
Food Safety

- Tuberculosis
- Parasites
- Bacteria
Solution

Improved Nutrition Outcome
Direct Contamination

- Pens/Housing
- Sanitation
Food Contamination

- Filter
- Pasteurize
- Sanitation
Food Contamination

- Cook
- Sanitation
Reduce Disease

- Vaccinate
- Inspect
Industry & Government

- Biosecurity
- Phytosanitary protocols
Next steps

Step 1: One-Health Awareness
Next steps

Step 2: Develop Best Practices
Next steps

Step 3: Build evidence and learning
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