

# Listening to Farmers and Mothers

Voices of agriculture value chain actors and caregivers inform social and behavior change efforts to improve dietary diversity in Sierra Leone

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With assistance from Sarah McClung

# SPRING/Sierra Leone



In 2015, SPRING conducted a nutrition assessment in the wake of the Ebola crisis in Sierra Leone.

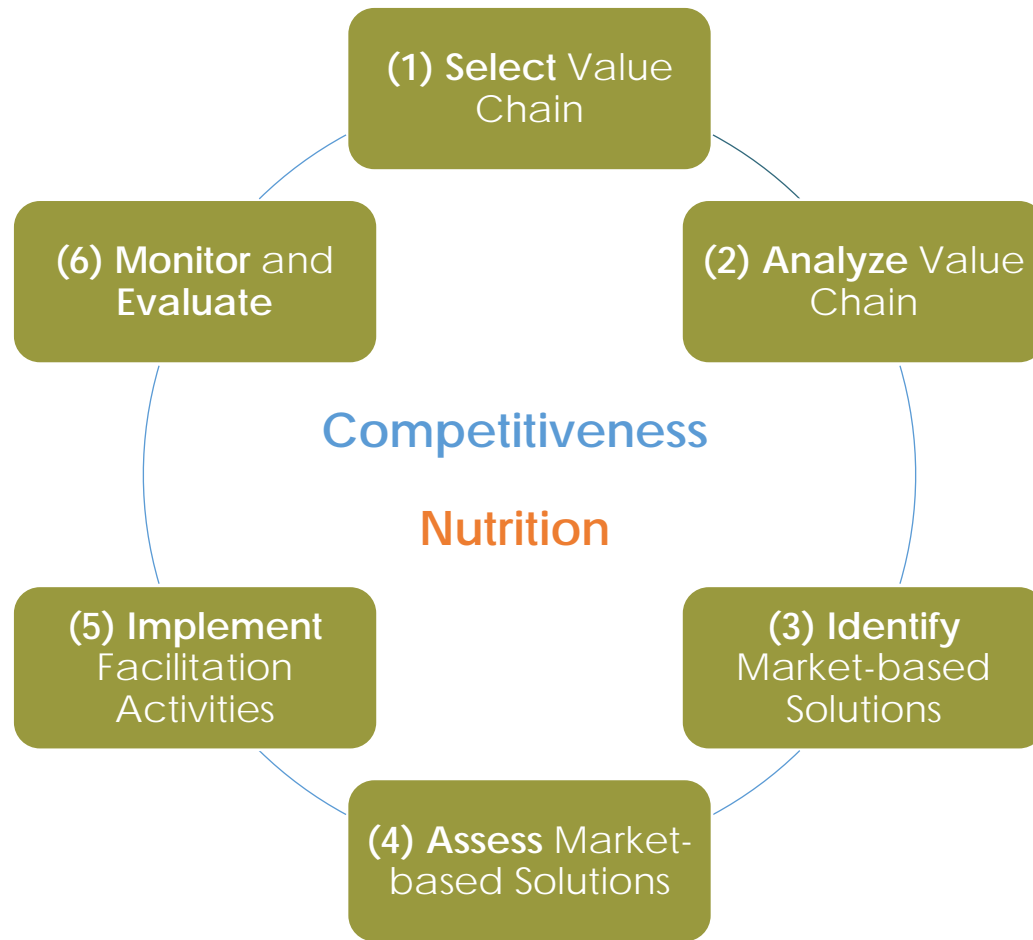


# SPRING/Sierra Leone

- **Objective 1:** Approaches tested and supported for promoting the uptake of nutrition-related household practices
- **Objective 2:** Approaches tested and supported for increasing access to and quality of nutrition-sensitive agricultural services



# APPLYING A NUTRITION LENS TO THE VALUE CHAIN APPROACH





# WATER FOR IRRIGATION

Productivity  
Availability  
Time  
Energy





# AGRICULTURAL MARKETING



Control over use of income  
Empowerment





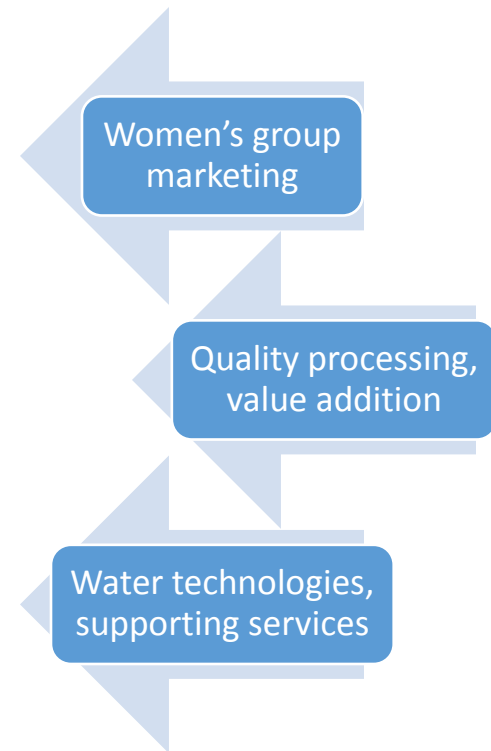
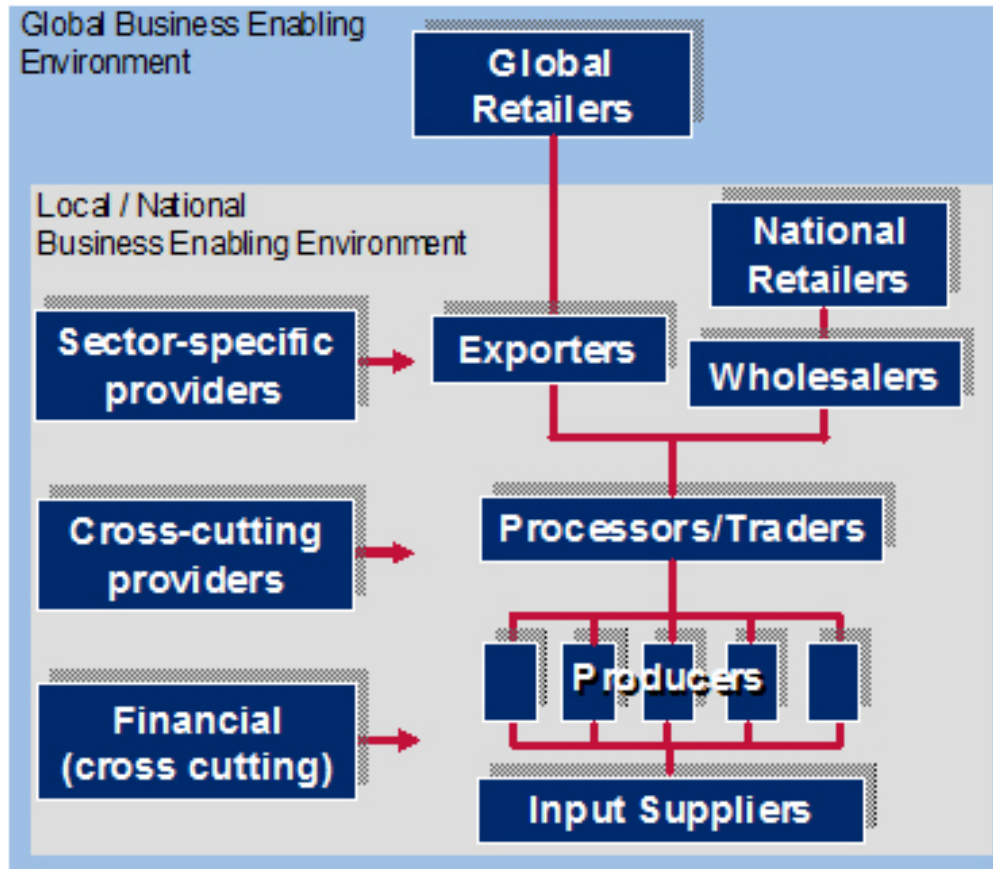


# VALUE ADDITION

Demand  
Income  
Availability  
Affordability  
Food safety



# INTERVENTIONS ALONG THE VALUE CHAIN



**Source:** Value Chain Development Wiki. USAID. <https://www.microlinks.org/good-practice-center/value-chain-wiki>





# APPLYING A VALUE CHAIN LENS TO FORMATIVE RESEARCH FOR NUTRITION



# BARRIER ANALYSIS

**WHY** people **DO** or **DO NOT** engage in a behavior?  
Interview Doers and Non-Doers  
Compare the differences  
Added questions related to markets / production





# CONSUMPTION OF PUMPKIN BY PREGNANT WOMEN AND CHILDREN 6-23 MONTHS

## Lowland Selection and Preparation

**1**



**1** Insai dry season wae u wan plant pumpkin, mek hip na flat ground



**2** Wae u dae dig di hole for plant, mek e nor near near at all



**3** Full-up di hole wit dry leaf en ashes, then cover ram wit dorti



**4** Wata di hole dem en lef am for 2 weeks before u plant di pumpkin seed







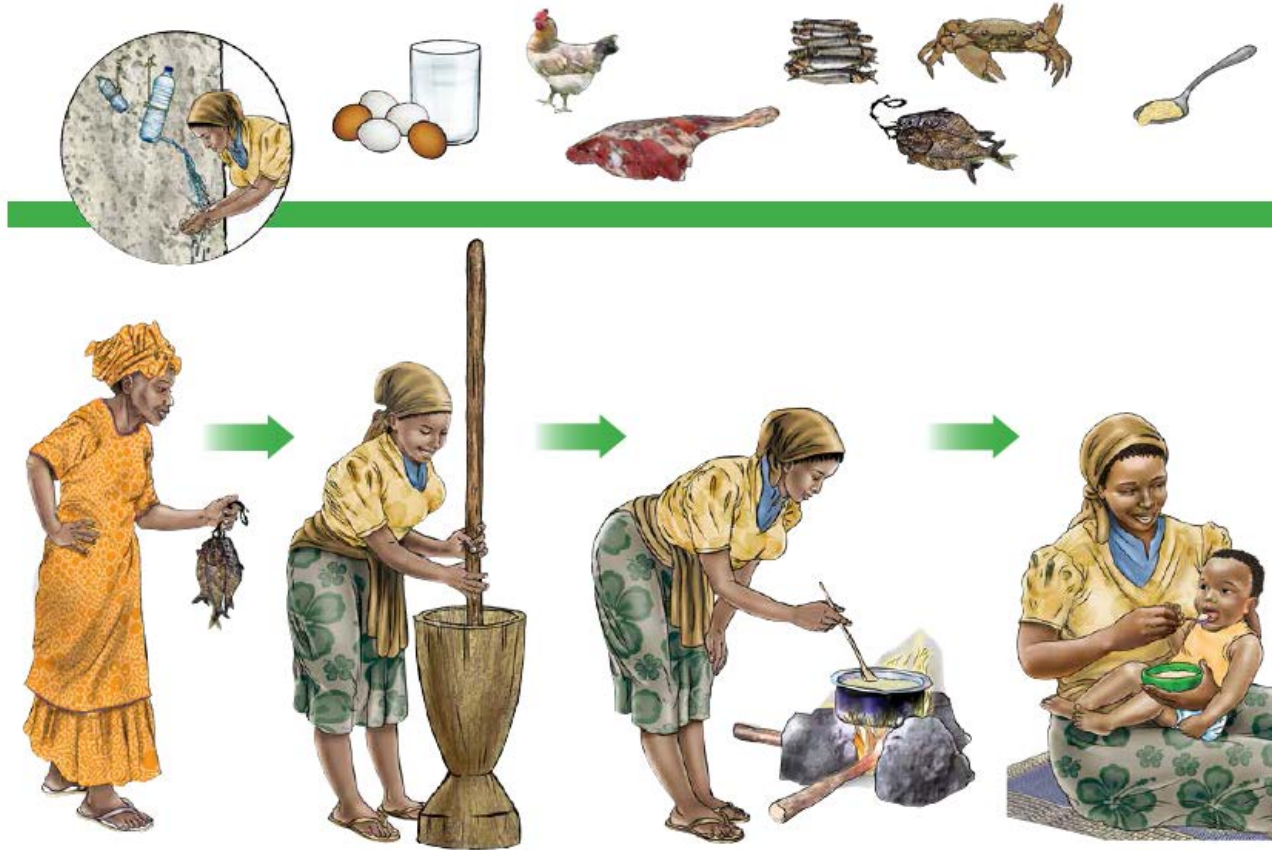


Consumption of fish by pregnant women and children 6-23 months  
BARRIER: Poor hygiene

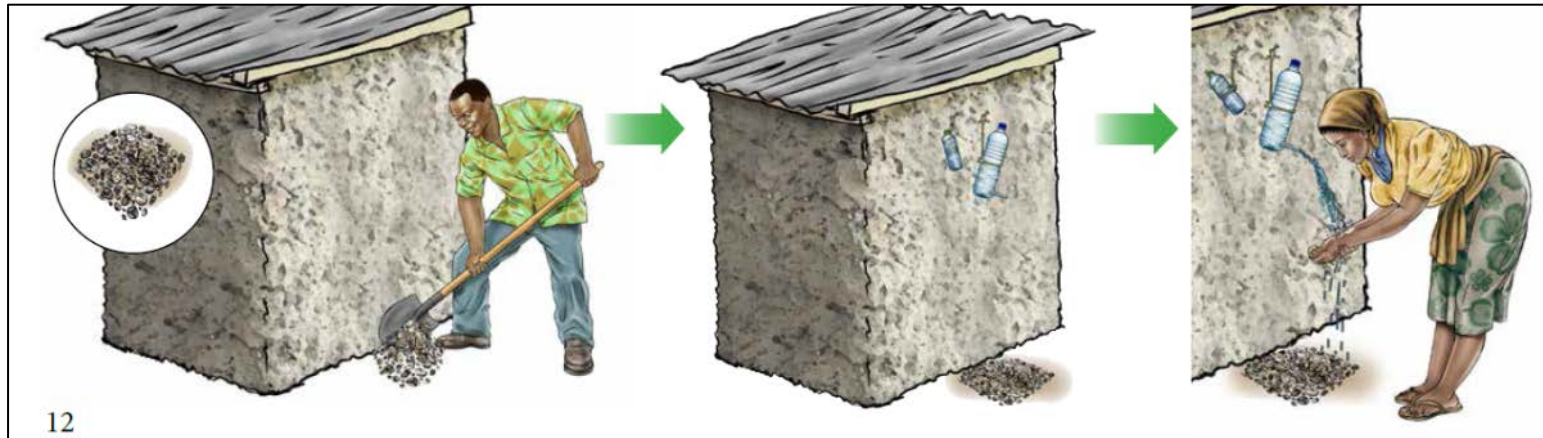
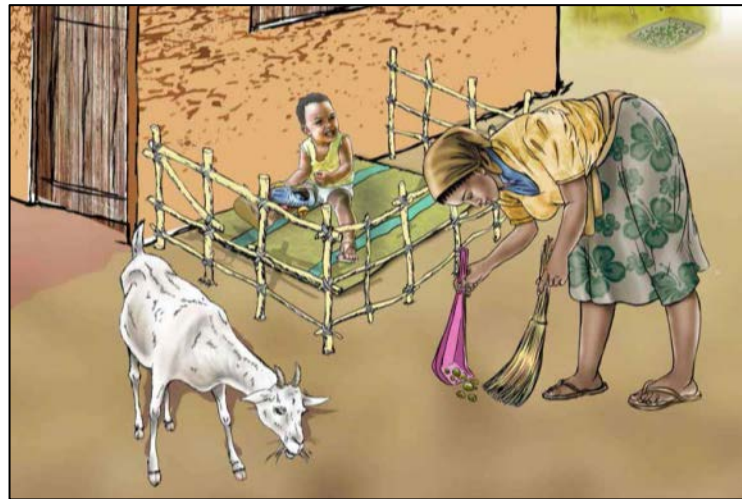




# CONSUMPTION OF FISH BY PREGNANT WOMEN AND CHILDREN 6-23 MONTHS. BARRIER: FEAR OF BABY CHOKING ON BONES



# TIPS: HOUSEHOLD HYGIENE IN THE CONTEXT OF LIVESTOCK PRODUCTION





# BRINGING IT ALL TOGETHER

## Examples of nutrition-sensitive agriculture practices

Agriculture	Health
<ul style="list-style-type: none"><li>• Promoting the sale of small fish by market sellers</li><li>• Promoting key hygiene practices by fish sellers</li><li>• Growing pumpkin in off-season</li></ul> <p>Proposed:</p> <ul style="list-style-type: none"><li>• Women's group marketing</li><li>• Quality processing, value addition</li><li>• Water technologies, supporting services</li></ul>	<ul style="list-style-type: none"><li>• Buying small fish and pounding them to feed to babies</li><li>• Identifying hygienic fish in the market</li><li>• Growing pumpkin in home gardens</li><li>• Household hygiene in the context of livestock production</li></ul>

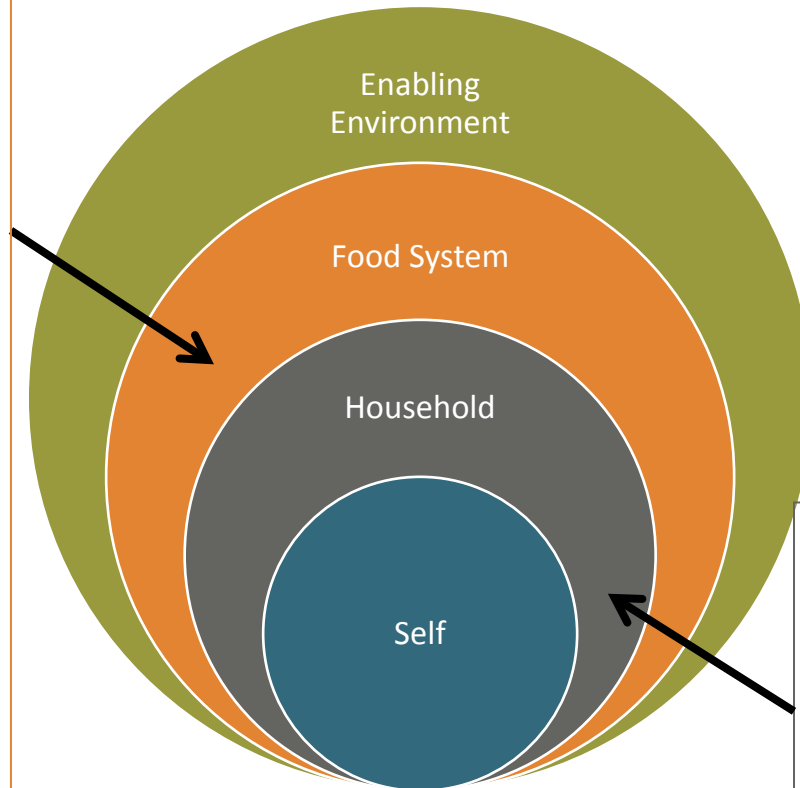


# SOCIO-ECOLOGICAL MODEL FOR CHANGE

- Promoting the sale of small fish for consumption by target groups
- Promoting key hygiene practices by fish sellers
- Growing pumpkin in off season

## Proposed:

- Women's group marketing
- Quality processing, value addition
- Water technologies, supporting services



- Buying small fish to make healthy paste to feed babies
- Identifying hygienic fish in the market
- Growing pumpkin in home gardens
- Hygiene





Thanks to Abhi Goyal for assistance  
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