

Integrated Agriculture and Health Based Interventions: Case Study on Pathways to improved Nutrition

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Outline

- Background
- Aim
- IA/HBI Interventions
- Research Question
- Study Design and Methodology
- Results
- Conclusions

Background

- Undernutrition in Bangladesh
 - Stunting : 31%¹; underweight: 22%¹; wasting: 8%¹;
 - Anaemia (women, 18-49 yrs): 39.9%²
- Role of Nutrition sensitive agriculture (NSA) interventions
 - NSA: Agriculture interventions with a clearly stated objective of improving nutrition; and incorporate specific nutrition interventions to achieve this goal³
 - Pathways: food production, agricultural income, change in food price, women empowerment³ & nutrition knowledge
- Lack of evidence on the pathways after completion of project cycle

Aim

Identify pathways from NSA interventions towards nutrition outcomes that are sustained after completion of the project cycle, based on the case of Integrated Agriculture and Health Based Interventions (IAHBI) Project

IAHBI Project

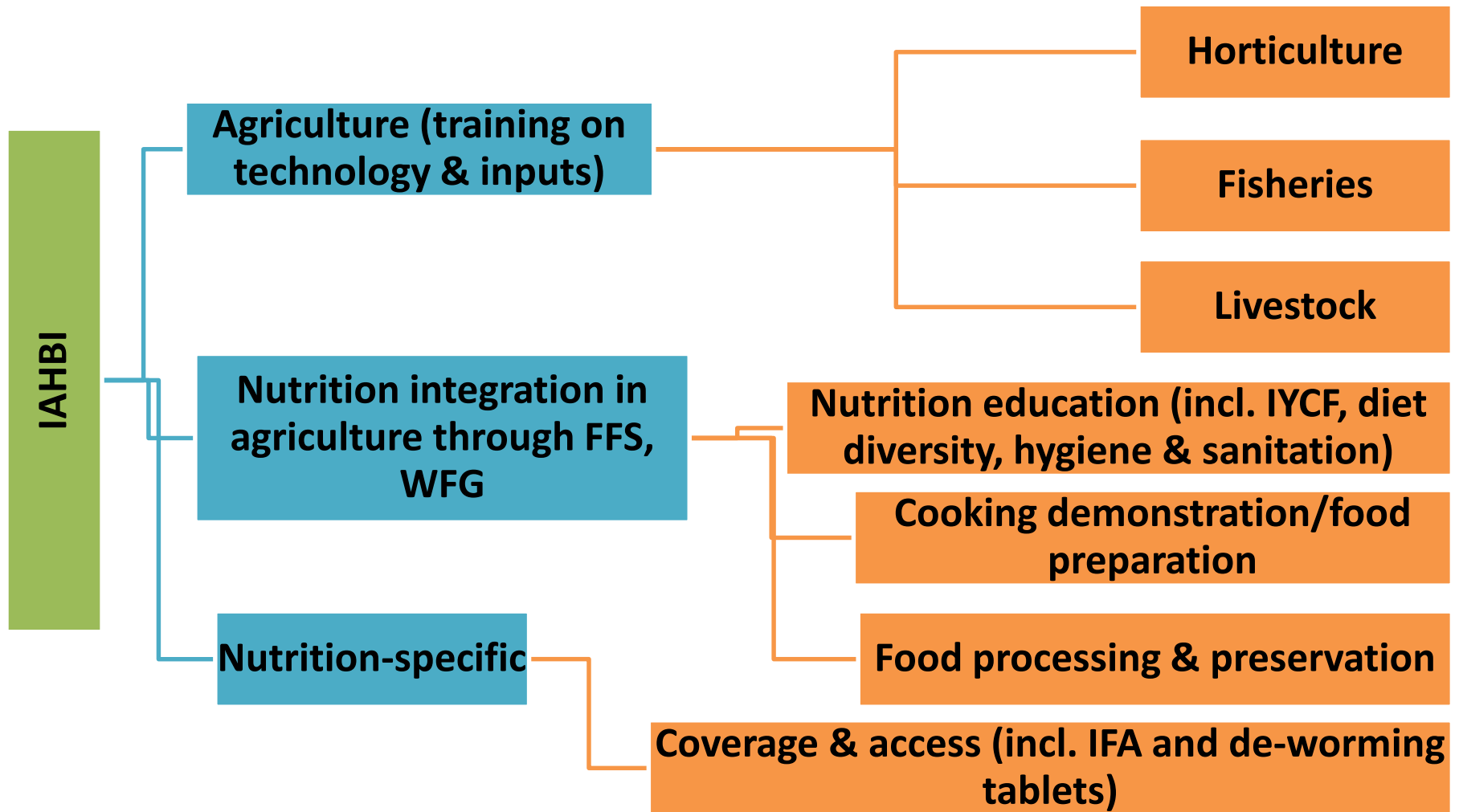
Approach

- Integration of nutrition interventions into the agriculture and health delivery, from November 2012 to October 2015
- Objective: to improve household food security and nutritional status, with focus on mothers and young children, in five upazilas of Khulna, Satkhira and Barisal districts in Southern Bangladesh (Dacop, Koyra, Assasuni, Shayamnagar and Muradi)

Management

- Funded by USAID
- Implemented by GoB partners from MoFL (DLS, DoF), MoHFW (NNS), MoA (DAE), MoF(FPMU) and MoPA; and by SMKK, a NGO partner
- Technical support provided by provided by FAO & UNICEF

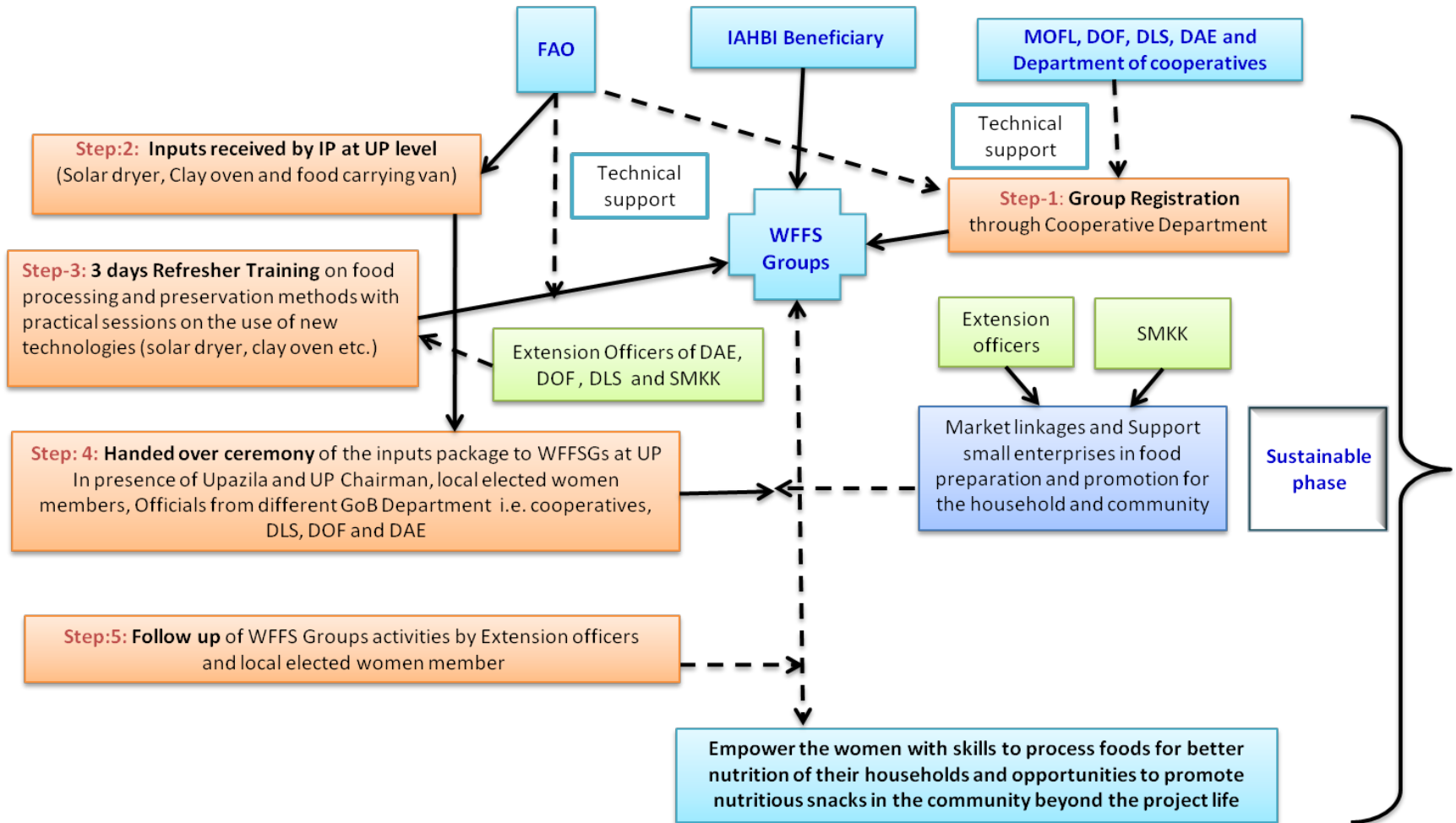
Interventions



Target: 50,000 HHs with PLW, children < 5 yrs

Source: IAHBI Reports/Presentations

Planned exit-strategy



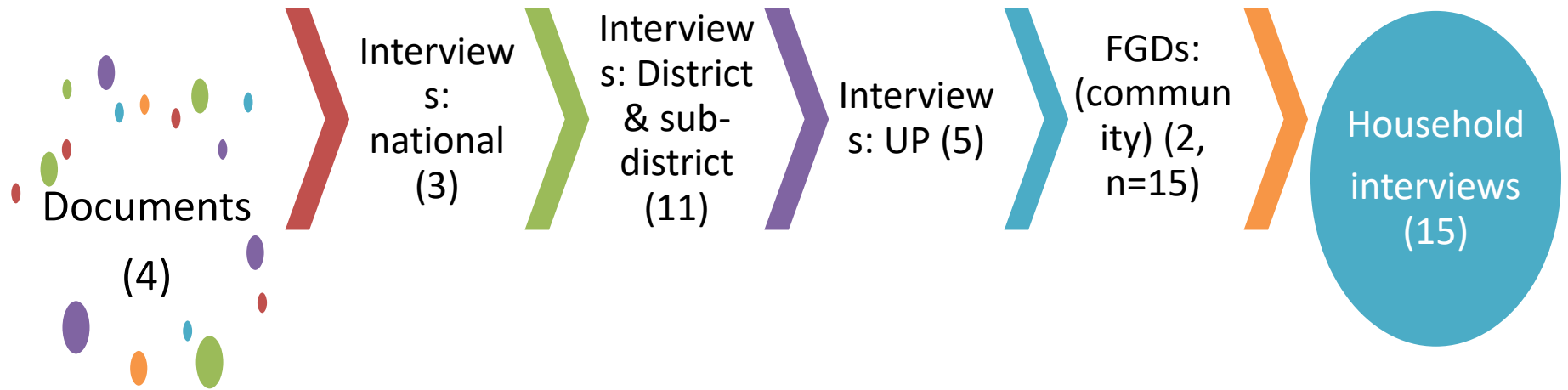
Research Question



What pathways from NSA interventions towards nutrition outcomes are sustained after completion of the project cycle?

Study Design and Methodology

Implementers/technical support providers Beneficiary/FFS/WFG



n=49



Study Design and Methodology

25 May 2009
Cyclone (Aila)

Oct-Dec 2018
Data
collection

Nov 2012-
2015
IAHBI Project



Area: Khulna (Dacope: Kamarkhola & Sutarkhali)

Data analysis

Pathways

- Thematic analysis (qual)
- ATLAS Ti, Excel



Impact

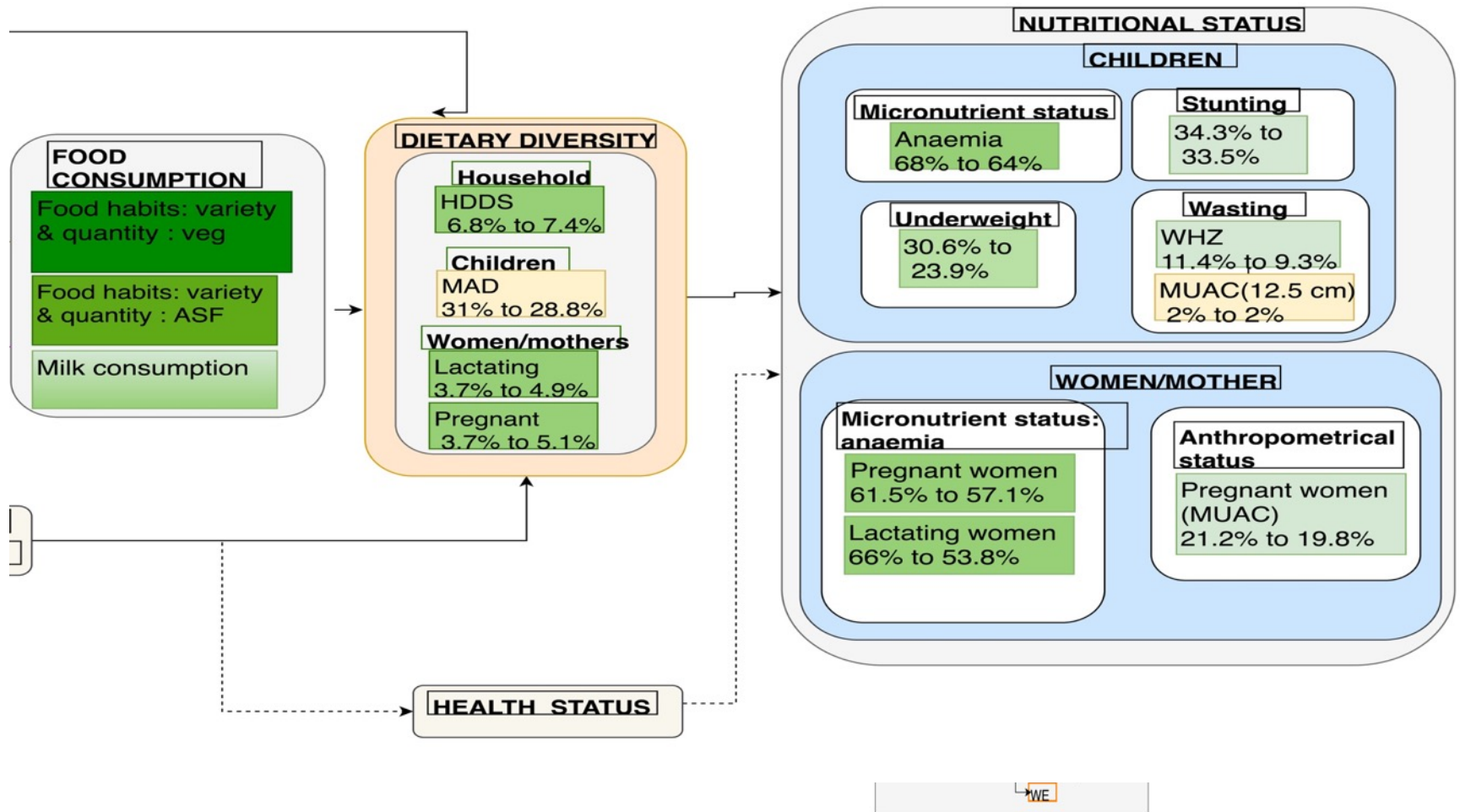
- Document analysis
 - Dietary Diversity
 - Nutritional status

**Impact
Pathways**

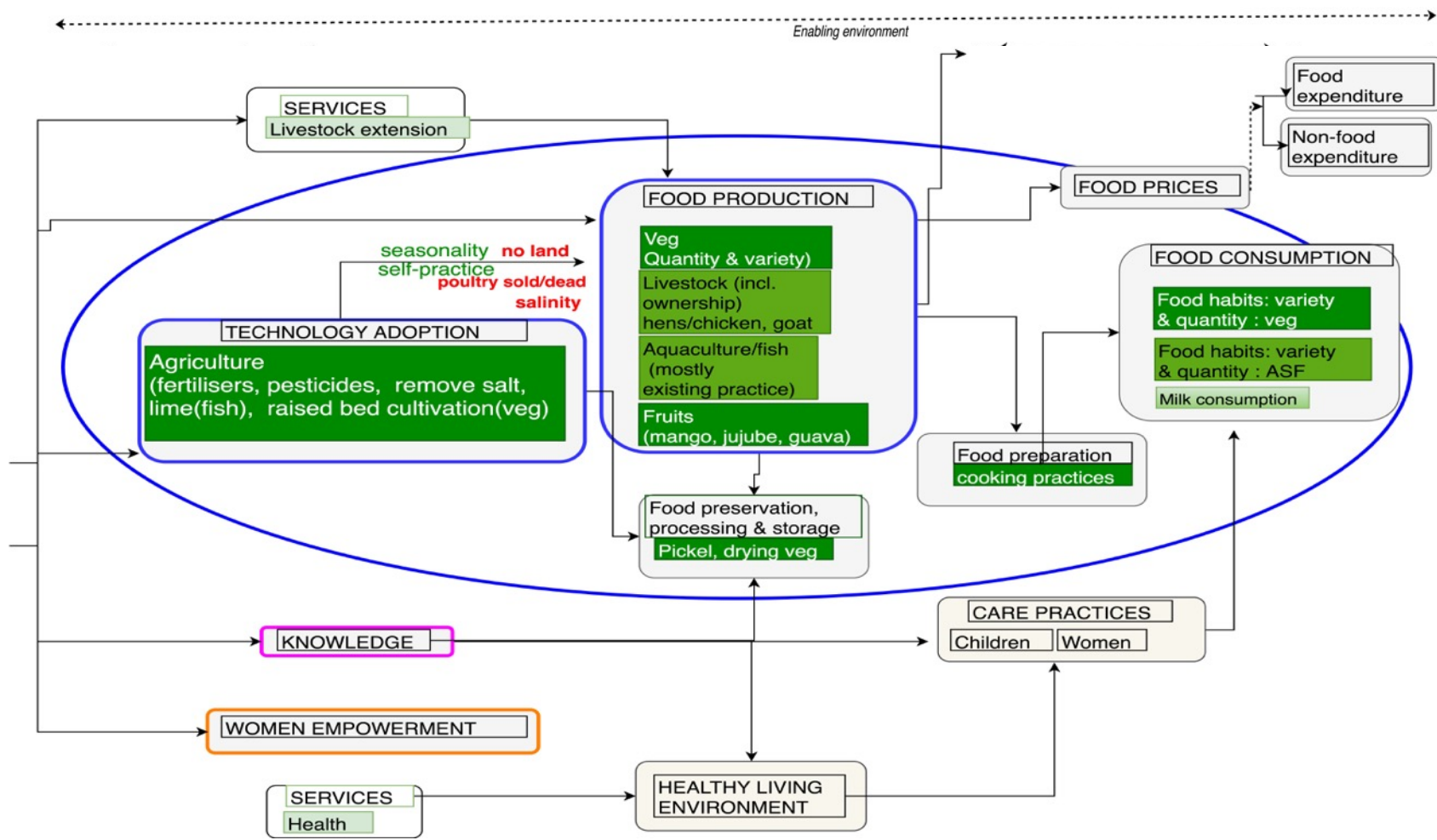
Results



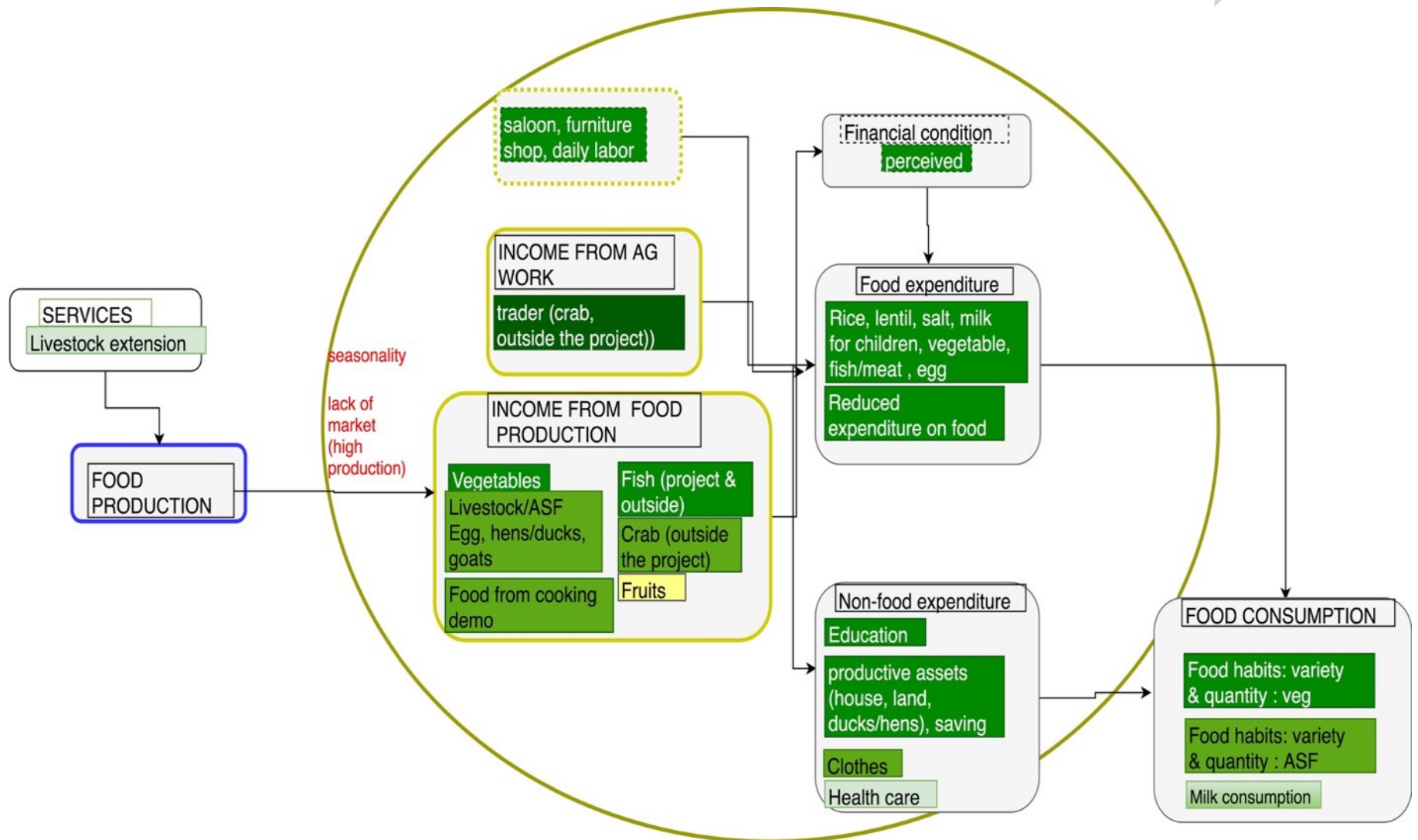
IAHBI to nutrition pathways



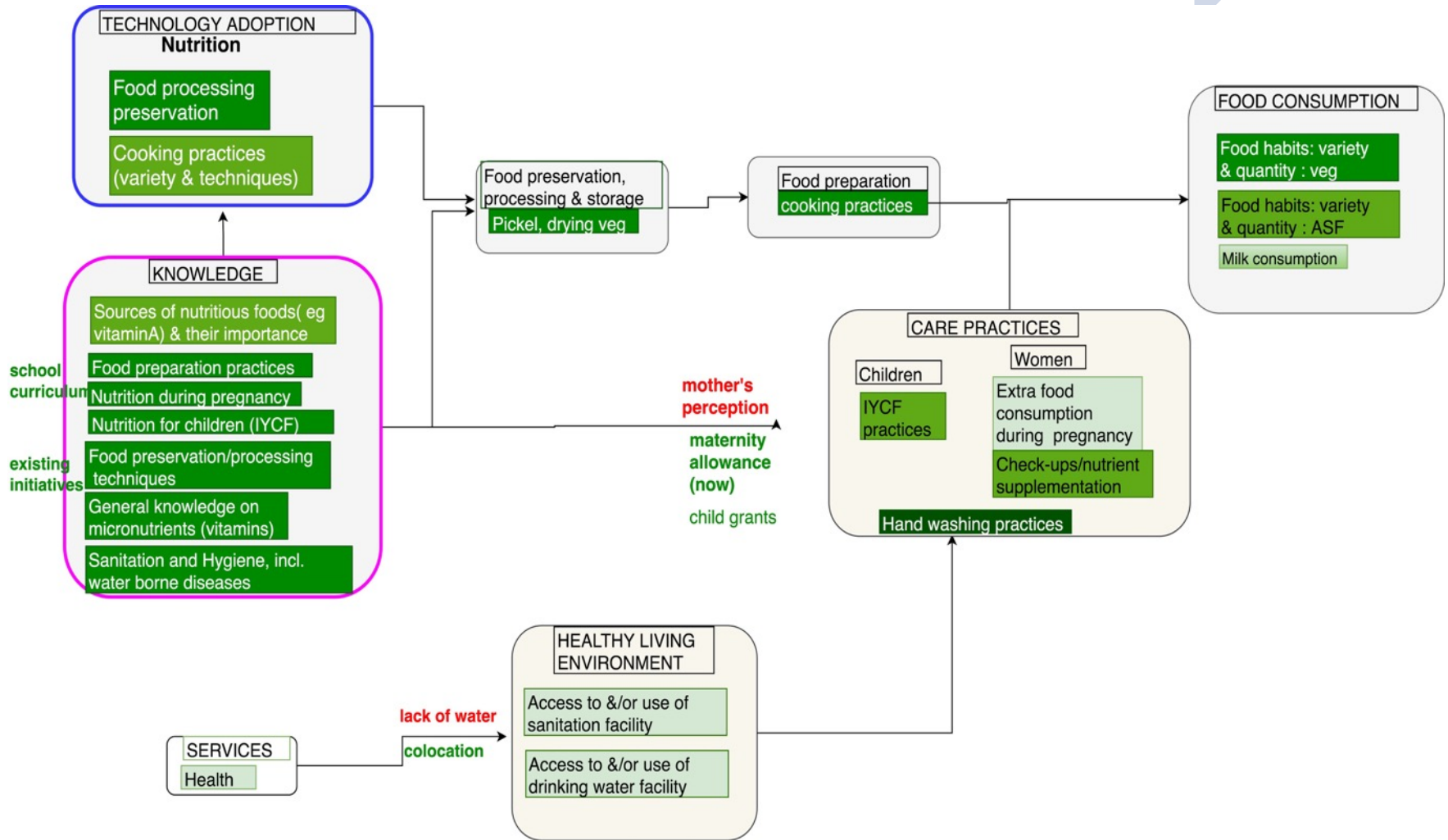
1. Production to consumption



2. Income - expenditure-consumption

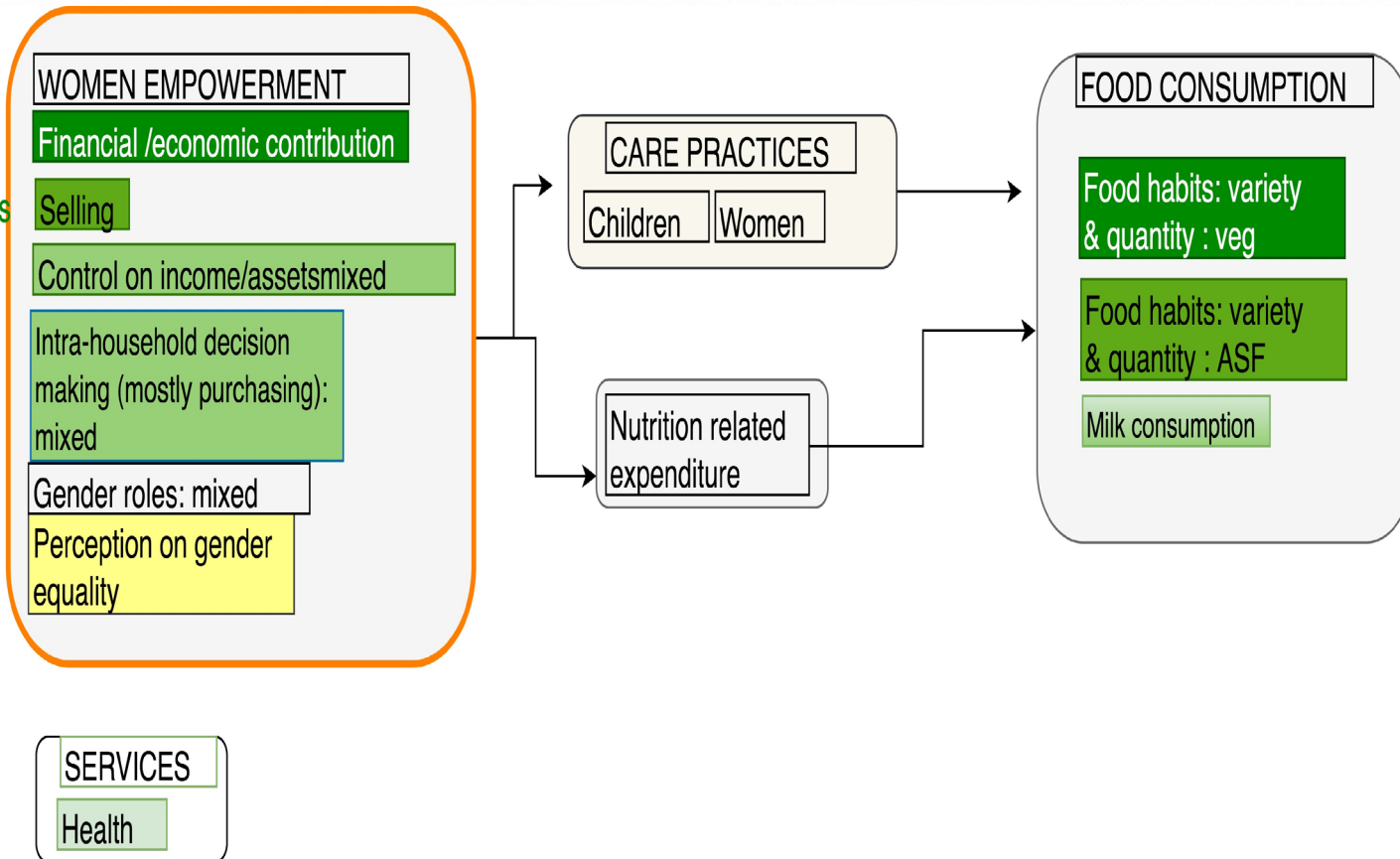


3. Knowledge- consumption



4. Women empowerment-consumption

Support
from
family
members



Conclusion

- Sustained effects on key pathways: production (mostly, horticulture) and knowledge. Efforts required to sustain mechanisms
- Pathways facilitated by co-location and existing project interventions
- Need to address key barriers: lack of access to market & safe drinking water, selling/ mortality of small livestock, mother's perception

Acknowledgements

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Questions?

References

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