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# Science Forum – Breakout Session 8

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## 'Leveraging Value Chains for Better Nutrition and Food Safety: Lessons for CGIAR Research'



# Objective = Exploration VC approaches in health and nutrition research

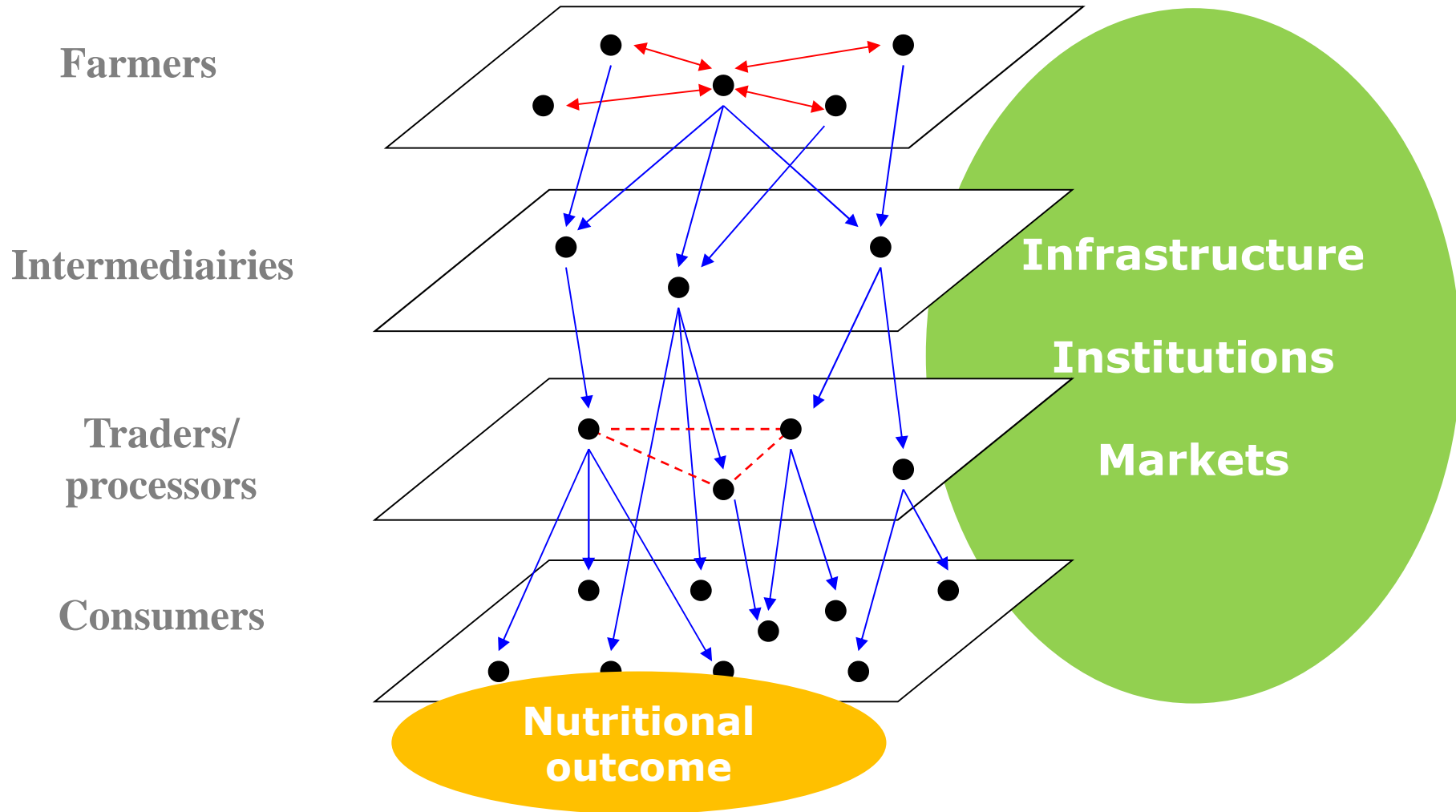
to enhance our insights in the applicability of value chain concepts, methodologies and tools in nutrition and health related CGIAR research projects

...and to make an important step to the design of a R&D agenda to fill in gaps in value chain knowledge, methodology and tools

# Program

- Keynote presentation
  - **Laurian Unnevehr (IFPRI):** 'Using Markets to Promote a Healthy Dietary Transition' (+ Q&A)
- 3 Case presentations
  - **Delia Grace (ILRI):** 'Using Value Chains to Leverage Food Safety in Informal Markets'
  - **Alan de Brauw (IFPRI):** 'Introduction of Orange Sweet Potatoes in rural Mozambique'
  - **Jason Donovan (ICRAF):** 'Leveraging Fruit Value Chains for Better Diets in Lima, Peru'
- Panel and breakout groups

# Value Chain (Network)



## Areas where progress has been made

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- Development conceptual framework for nutrition (e.g. Ruel/Hawkes)
- Proof of concept through results from OSP studies, among others
- Value chain approaches to management and control of food safety, including application of risk assessment and preventive approaches
- Greater understanding of consumption behaviour and ways of influencing behaviour (social networks, policies etc)

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# Gaps in knowledge

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- Understanding determinants of the choices that influence diet quality, including how it is influenced by home production, provenance of local food, market access, habits, prices and income
- Understanding how nutrient quality is influenced by production and post-harvest handling and processing
- Long chains versus short chains
- Long term effects of value chain building
- Building evidence from success stories/ market creation for nutrient dense foods
- Finding rigorous evidence about improvement in nutrition and/or health around any value chains; keeping in mind food safety (e.g. livestock)
- Lack of Value Chain research (and data) in this area; lack of pilots
- Testing models for rewarding improved food safety in markets

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- Backward links from VC to CG research (breeding etc)

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# Cross-sectoral partnerships

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- Nutrition education or health care delivery coupled with agricultural extension efforts
- Use of risk analysis may lead to setting policy for targeting food safety risks
- ILRI: “participatory risk assessment” for food safety in informal markets, which works through inter-disciplinary partnerships
- Bringing economic arguments to policy makers
- One Health and Ecohealth are emerging multi-disciplinary paradigms with potential for better engaging human health, agriculture and environmental sectors.
- Paying attention to economics (e.g. products should be competitive, consumers should like them, ...)
- Private sector Involvement



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Thank you!

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