Nutrition Intervention Forecasting and Monitoring

Transitions in Hanoi's Vegetable Food Environment: Insights from Systems Thinking and Leverage Points

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Development challenges

- Urban food environments have undergone drastic transitions in emerging economies
- Interventions struggle with system complexity => unintended consequences

Research Questions

- What characterizes the transition of Hanoi's vegetable food environment?
- What could drive the shift toward health promotion and sustainable impacts for all?

Methods

Systematic literature review (n=90)

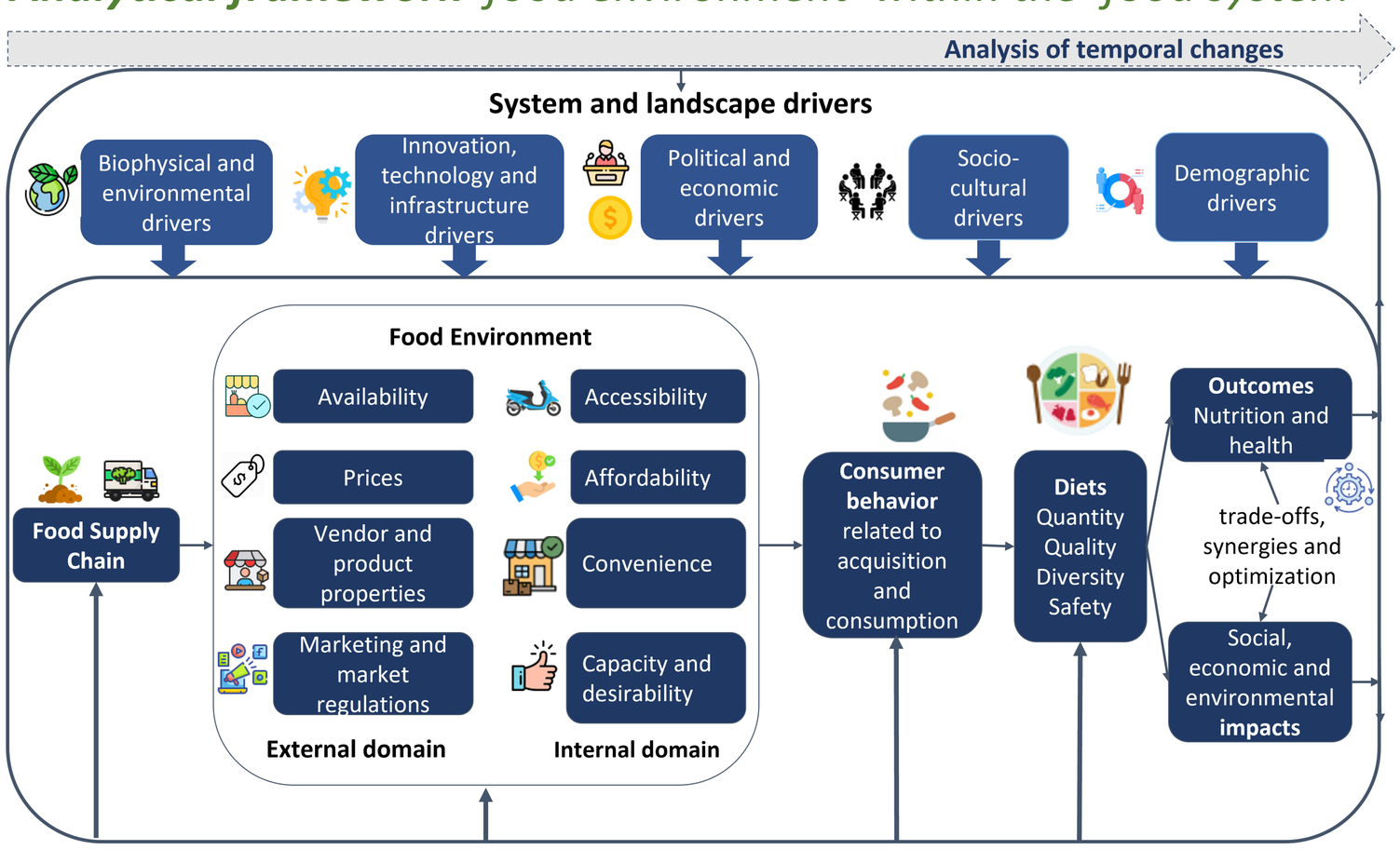
Expert consultation (n=10)

Discussion and conclusions

- Using food environment framework helps reveal insights but still overlooks stakeholder aspects
- Literature emphasizes deep leverage points
- Assessing leverage point impacts is essential

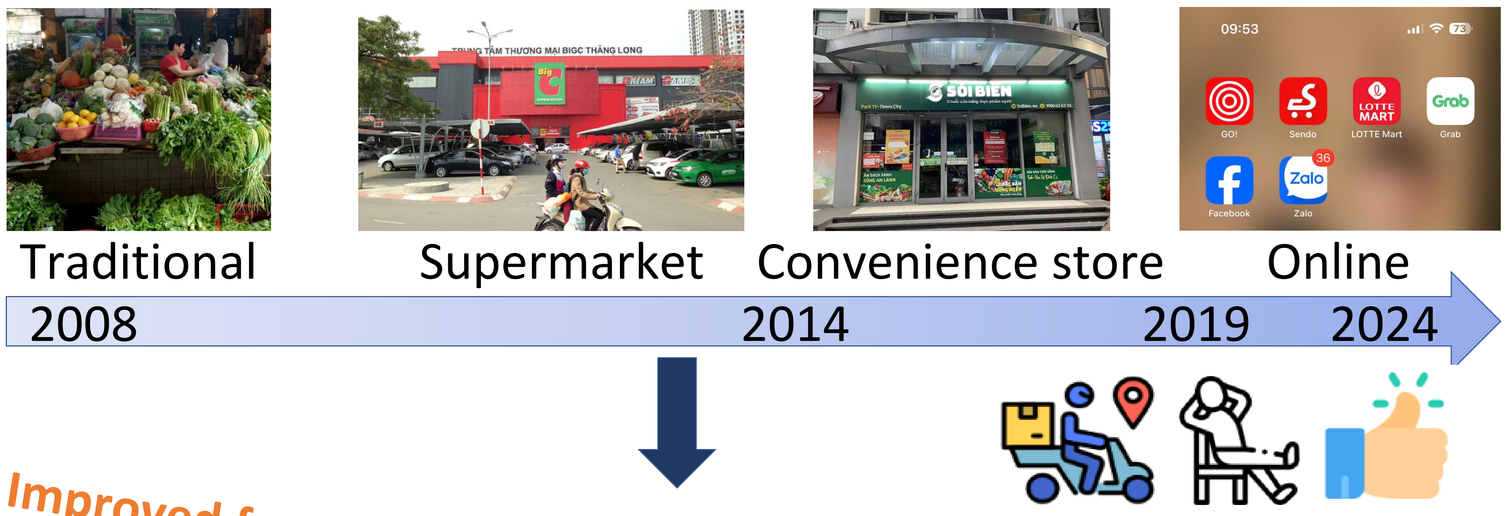
Results

Analytical framework *'food environment' within the 'food system'*



Adapted from HPLE (2017), Turner et al. (2018), Marschall et al. (2021), and Bene et al. 2024

Food environment transitions in Hanoi



Leverage points *Leverage point framework*

Parameters (4)	*Feedback (9)*	*Design (8)*	*Intent (9)*
Sugar limiting policies (e.g. tax)	Improve urban and green space design for physical and mental health	Open monitoring (e.g. on food safety) to enhance transparency and adaptability	Realize the trade-offs and optimize health, socio-economic and environmental goals

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