

Exploring the Nexus Between SDG 2 and SDG 7

Clean Cooking : an enabler of better nutrition

Key findings and pathways to action

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Source: <https://ecca-et.org>

A world of gaps

2.1 billion people depend on **open-fire** cooking methods

In Sub-Saharan Africa, over **80%** of the population **lacks modern energy access**

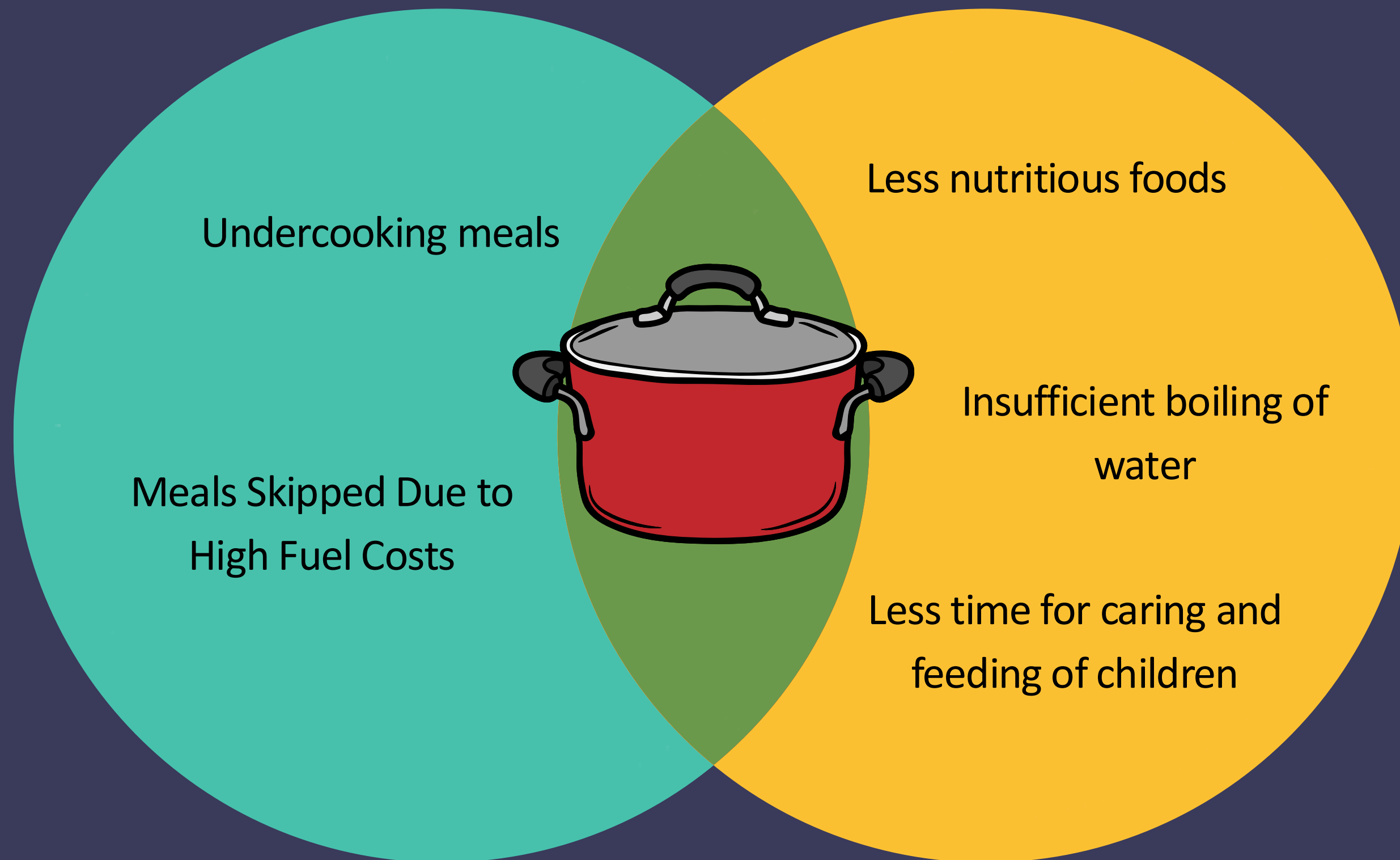


733 million people face **hunger** in 2023, with **1 in 5** in **Africa**

Nearly **2 billion** people suffer from **micronutrient deficiencies**



Why clean cooking matters?

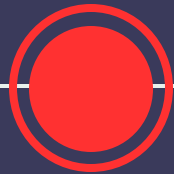


Global priorities, yet a missing link

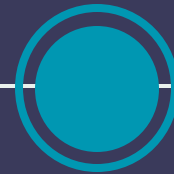


Methodology

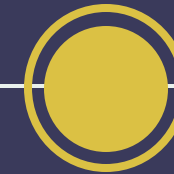
Literature review



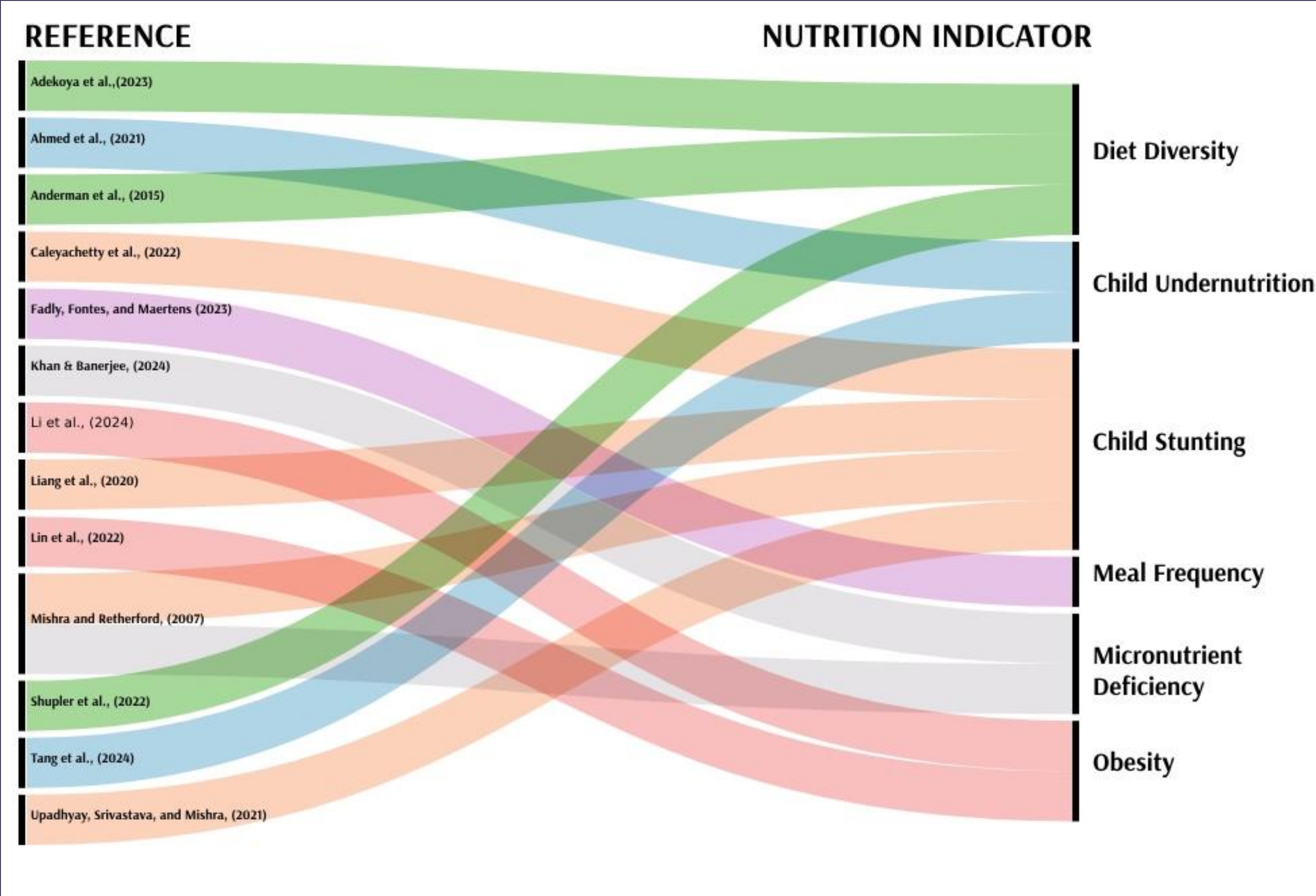
Case studies and
interviews



Analysis



Growing scientific evidence on the nexus



* For further details, please refer to the Reference List

Case Study Overview

COUNTRY	CLEAN COOKING SYSTEM	TARGET BENEFICIARIES	CONTEXT OF INTERVENTION
Brasil	Biogas	500 small scale family farming households	Rural
Burundi	Micro-gasification	240 households	Rural
Ghana	Bioethanol	10 women, from households	Peri Urban
Rwanda	Pellet burners	1 School (1312 students)	Rural
Timor Leste	Bamboo pellets, improved cookstoves	500 households	Rural
Togo	Improved pellet stove	40 households	Rural
Zambia	Solar	157 households	Rural

Why focusing on institutional settings?

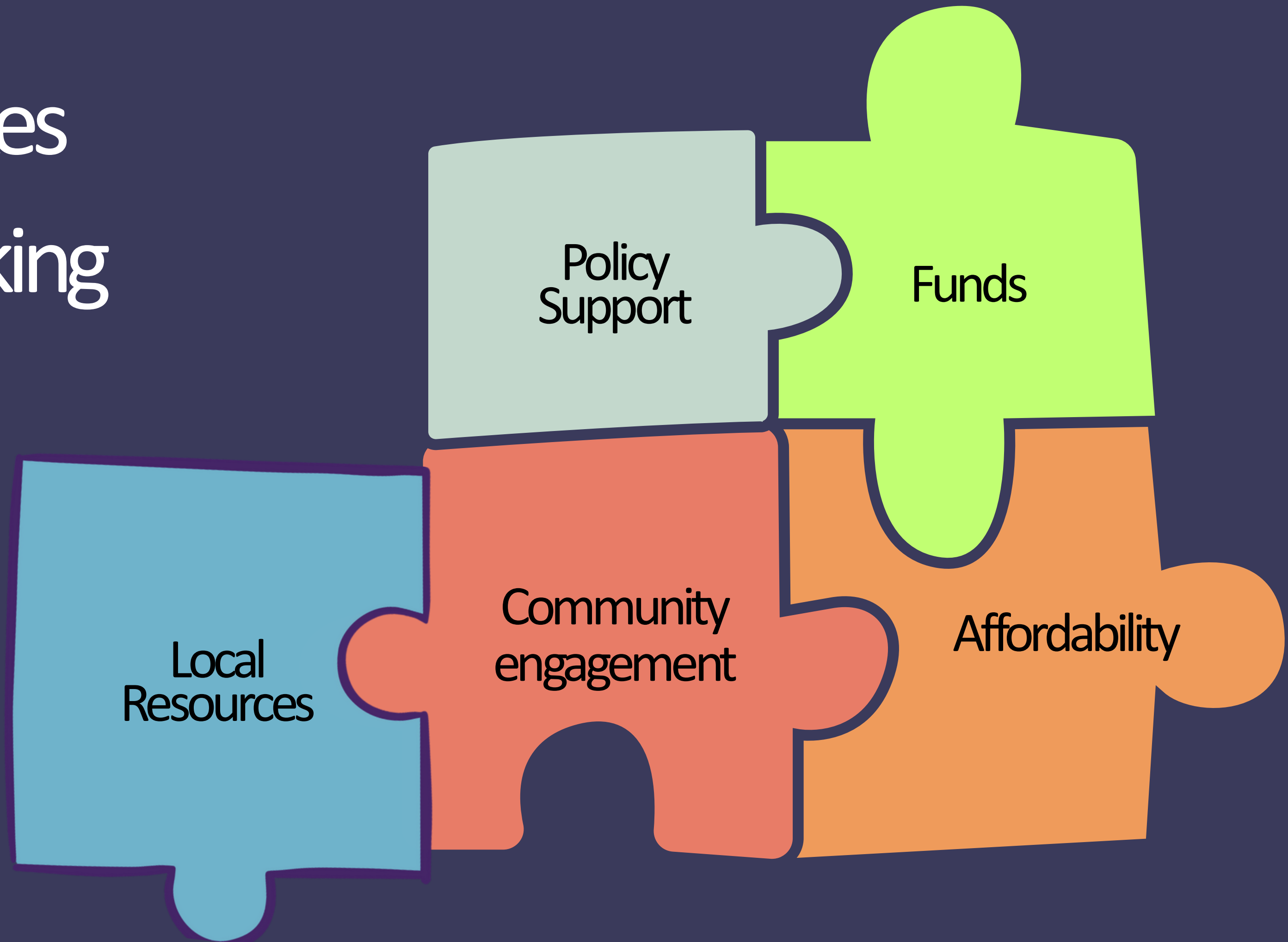


- School Meals: A powerful **tool to prevent hunger** in vulnerable children
- Global Reach: **418 million children** benefit from school meal programs
- Easing pressure on struggling households

Woodpile for use in the canteen of a school on the outskirts of Kigali (Rwanda).

Source: Tiziana Pirelli, 2024

What Makes Clean Cooking work?

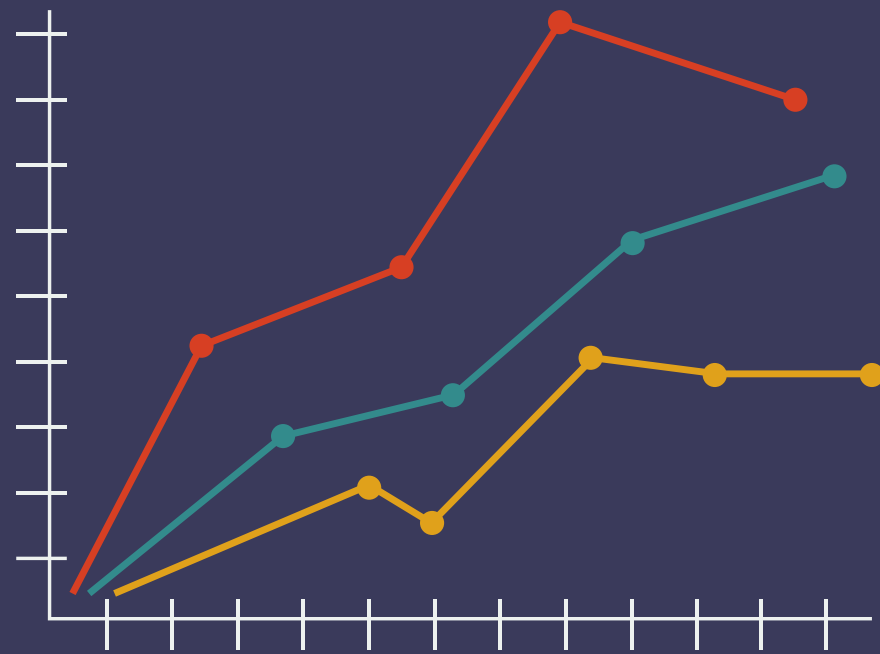


The impacts on nutrition

- Enables preparation of a **wider variety of foods**
- **able to cook harder-to-prepare foods (beans)**
- Supports food preparation in **off-grid areas**, fostering local economies
- Enhances **water and food sanitation**, reducing health risks
- Better Digestion: **Improves food digestibility**



Current challenges and gaps



Lack of Robust Data

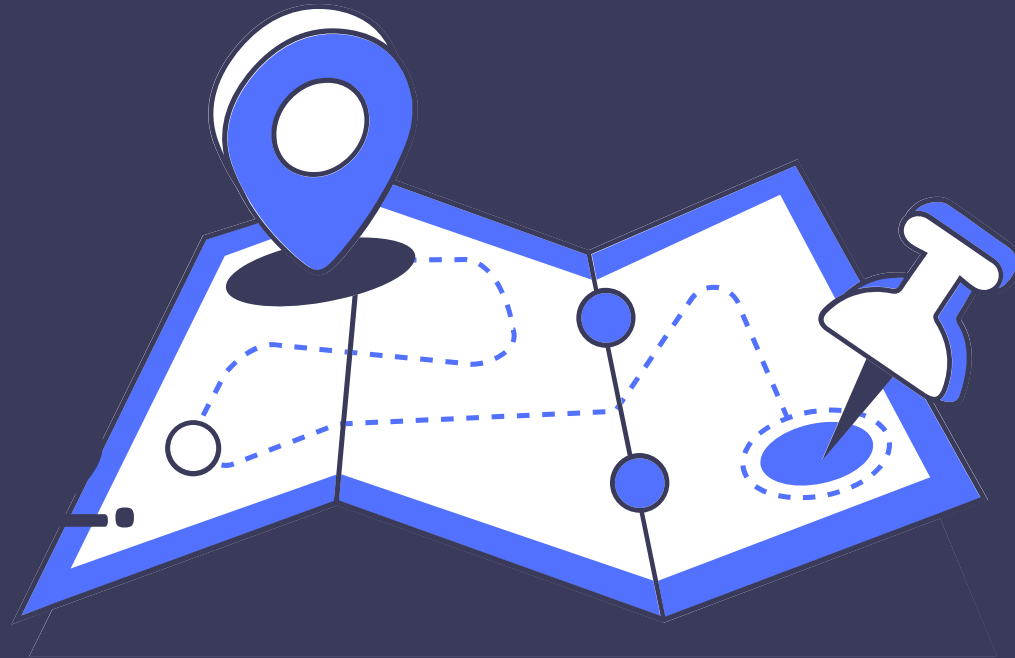


Siloed Approaches



Community Engagement

Recommendations



1. Tailoring Solutions to Local Needs
2. Prioritize Institutions for Maximum Impact
3. Cross- sectoral Collaboration
4. Disseminate Best Practices for Broader Impact

Thank you

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