

Climate-Resilient Social Protection for Nutrition in Female-Headed Cancer-Affected Households in Sri Lanka

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BACKGROUND

Sri Lanka Faces recurring floods, droughts, and economic shocks that undermine access to nutrition food. Female-headed households caring for cancer patient are especially vulnerable-burdened by income loss, high treatment costs, and climate-driven food insecurity. Existing welfare system rarely integrate nutrition, gender equity, cancer and climate resilience.

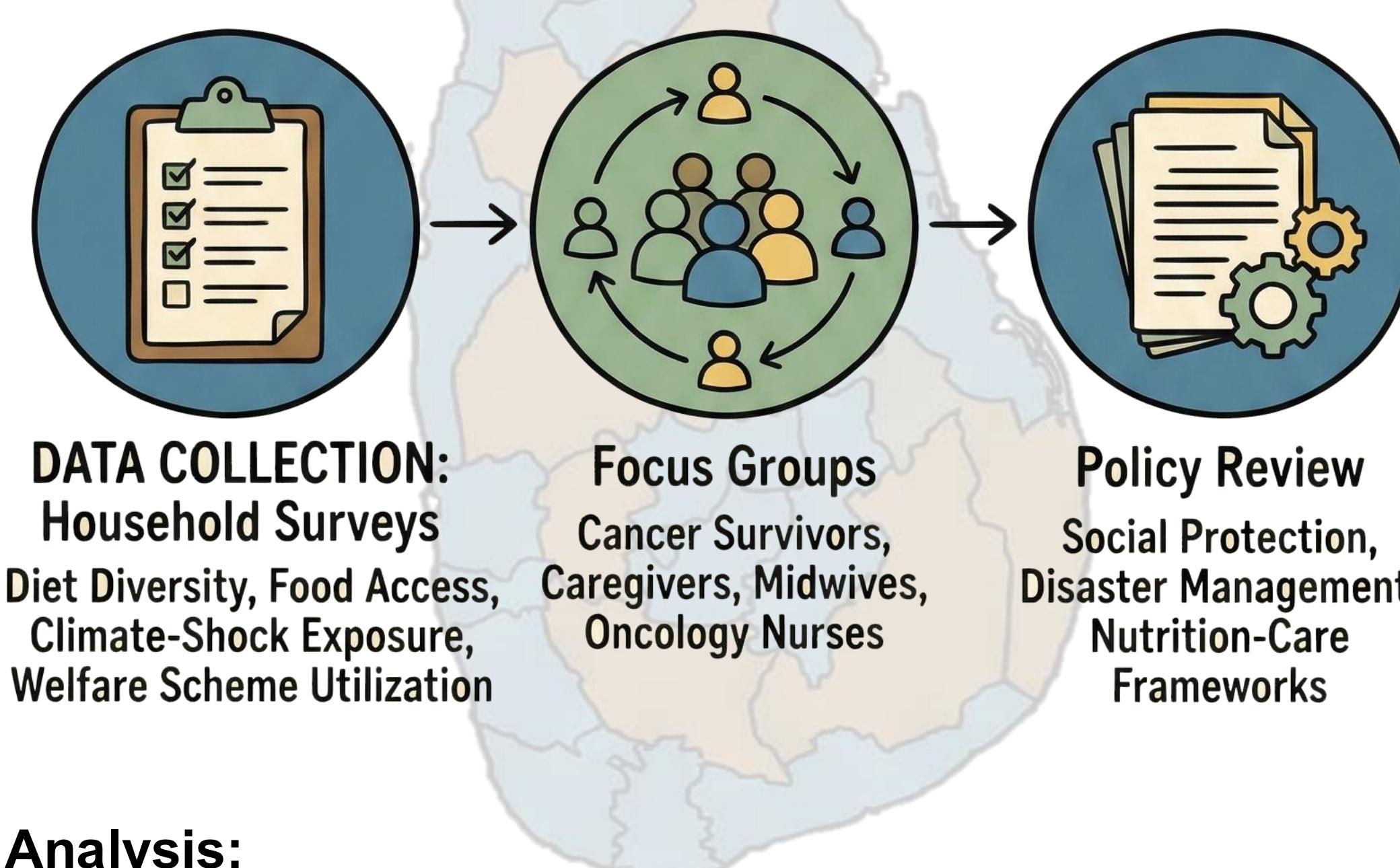
OBJECTIVES

- ✓ Examine how climate shocks affected diet diversity and food security in female-headed, cancer-affected households.
- ✓ Identify system gaps in linking nutrition, climate resilience, and cancer care.
- ✓ Propose a gender-equity social protection model adaptable across South Asia.

METHODS

Study area: 15 Sri Lanka districts frequently affected by floods and droughts.

Sample: 1,450 households (960 female-headed caring for a cancer patient).



Analysis:

- ✓ Quantitative predictors of food insecurity tested using logistic regression.
- ✓ Qualitative data thematically mapped lived experience and system barriers.

GENDER-EQUITY SOCIAL PROTECTION MODEL



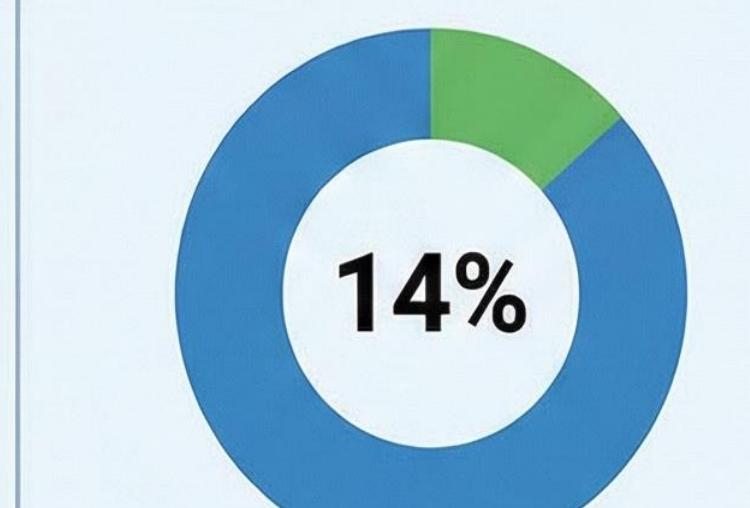
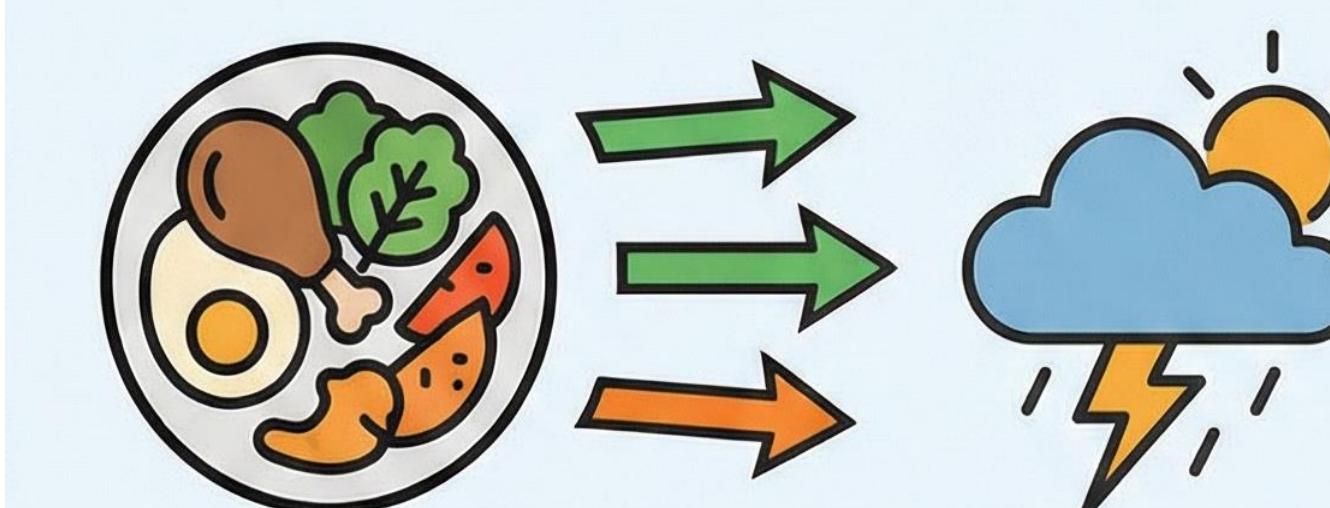
HOW TO SCALE WHAT WORKS



RESULTS

1,450 Households Surveyed Climate-Affected Districts

960 Female-Headed Households caring for Cancer Patients



Female-Headed Cancer Homes = 3x Higher Diet Diversity Loss during Floods/Droughts

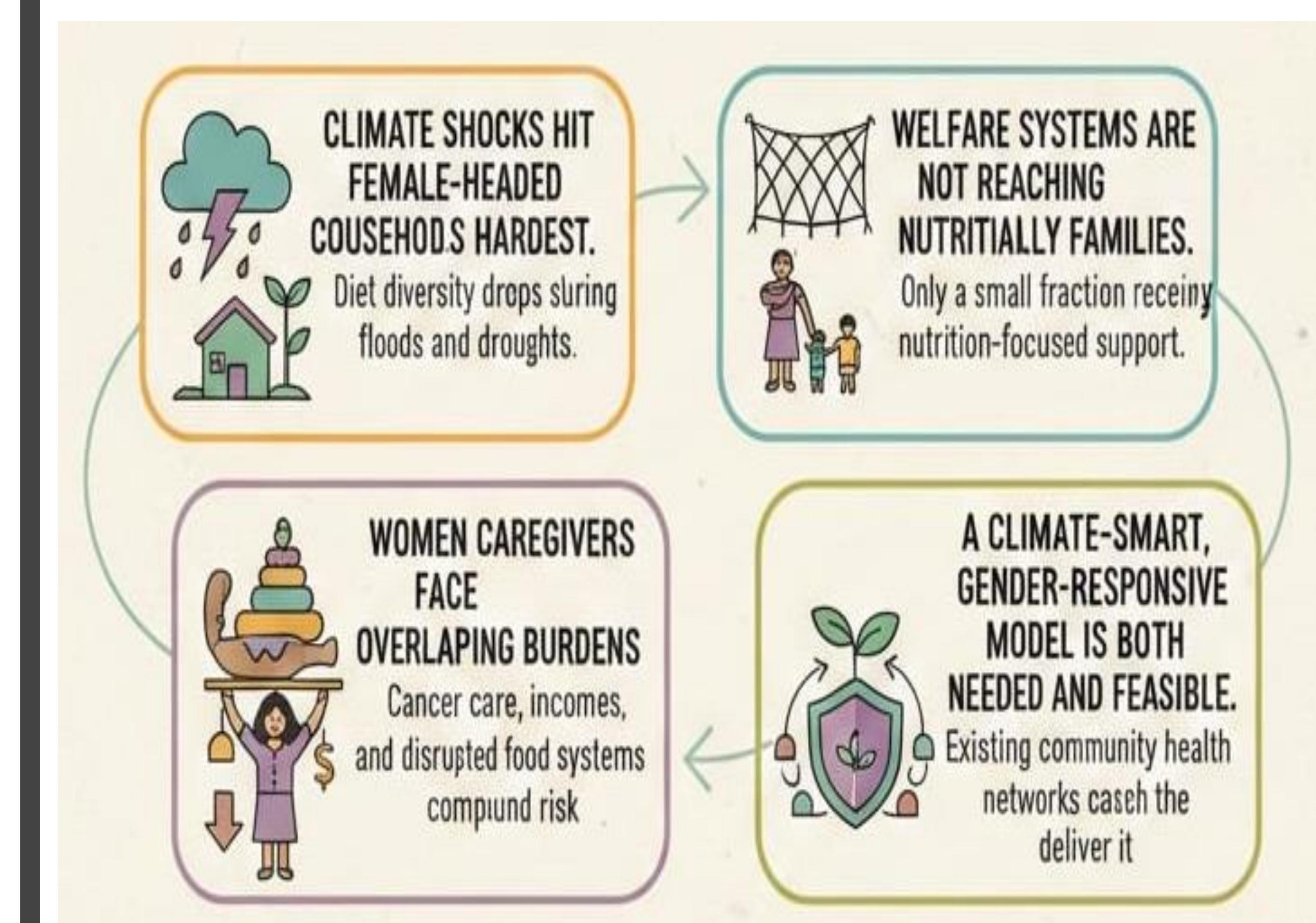
Only 14% Accessed Nutrition-Specific Welfare

Key Barriers:
Disrupted Food Access, Caregiving Burden, Income Instability

Participant Requests:
Climate-Resilient Food Baskets, Caregiver Cash Support, Nutrition Counselling

CONCLUSION

WHAT THE EVIDENCE SHOWS



ACKNOWLEDGEMENT

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