

## Ghana, South Africa, Uganda

### MOTIVATION

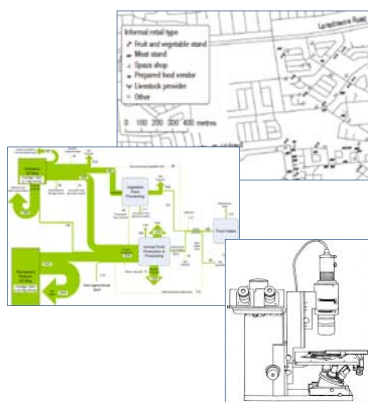
African urbanization and diet transition ⇒ increasingly complex nutrition equation

- Over under- and over-consumption of calories and under-consumption of key micronutrients
- Poverty and growing purchasing powers act as “parallel” drivers
- Linkages between health and nutrition – whose problem, whose responsibility?
- Increasing concerns over food safety and quality

### AIM

Improve our understanding of the drivers of urban nutrition in Africa and provide the basis for comprehensive, effective interventions & policies

### OBJECTIVES & METHODS



#### Module 1

**Objective:** investigate the systemic drivers of urban food choices

**Activities:**

- Mapping the Urban Food System (UFS)
- Mapping food flows – in UFS and along value chains
- Lab tests of street food quality/safety

#### Module 2

**Objective:** investigate the individual drivers of urban food choices

**Activities:**

- Micro-household survey (and quantitative analysis)
- Comparative analysis of national surveys, diet transition
- Qualitative investigation of socio-cultural contexts and understandings of health / nutrition (regulations)



#### Module 3

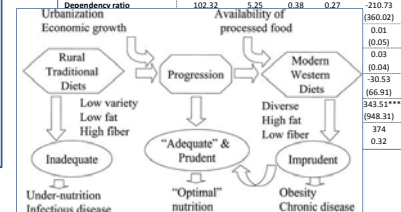
**Objective:** develop strategies & partnerships for urban nutrition

**Activities:**

- Mapping and typology of relevant policies and institutions
- Pooling of the systemic and individual drivers
- Policy experiments and simulations
- Participatory identification of high pay-off strategies
- Partnership concept



	(1) pc_Calorie	(2) FCS	(3) HDDS	(4) HFIAS	(5) pc_Calorie_H
Aspirations Head	422.38*** (125.72)	4.59** (1.81)	0.36** (0.15)	0.34** (0.16)	354.38*** (123.54)
Aspirat.*INChange(2006-10)	0.00 (0.06)	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)	-0.00 (0.05)
Female hh head*					6.39 (254.72)
HH head Age	-170.90 (806.19)	-2.87 (5.72)	-0.49 (0.38)	-0.59 (0.76)	65.69 (245.55)
Spouse Age	101.65 (205.33)	1.93 (2.97)	0.10 (0.24)	0.14 (0.24)	
Head education	-106.28 (209.68)	-5.99** (2.97)	-0.51** (0.22)	-0.16 (0.48)	107.32 (191.58)
Spouse education	199.23 (167.94)	2.64 (2.59)	0.10 (0.20)	0.46 (0.46)	
HH size(ln)	-491.31*** (256.25)	5.79* (3.25)	0.78*** (0.28)	0.68 (0.49)	-1.372.61*** (258.99)
Dependencratio	102.32	5.25	0.38	0.27	-210.73
Urbanization					(360.02)
Economic growth					0.01 (0.05)
Availability of processed food					0.03 (0.04)
Rural Traditional Diets					-305.53 (66.91)
Low variety Low fat High fiber					343.51*** (948.31)
Inadequate					374
Under-nutrition Infectious disease					0.32
Progression					
Modern Western Diets					
Diverse High fat Low fiber					
Imprudent					
Obesity Chronic disease					



### POTENTIAL IMPACTS

**Improved urban nutrition in Africa** is the long term desired impact of the project. This is only possible if: a) the required evidence on the state and drivers of urban nutrition is available, and b) if the relevant stakeholders come together (i.e. form a partnership), can express a common vision and purpose, identify the contributions and responsibilities of each within the partnership, and agree on the delivery mechanisms of the partnership through measurable outcomes. NOURICITY addresses prerequisites a) & b) at the 3 study sites, providing a blueprint for scaling up.

### OPPORTUNITIES AND CHALLENGES

**Challenges towards realizing the impacts:** the main risk lies in the effective and continued engagement of the stakeholders throughout the project and activities. NOURICITY will capitalize on **opportunities** to interact with key stakeholder groups already engaged in urban food system research with project partners, and draw from partners' rich experiences in participatory / transdisciplinary research.

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