

# **LINKING NATIONAL GRAIN RESERVES TO HOME GROWN SCHOOL FEEDING**

**4th Annual LCIRAH Conference**

**London, 04 June 2014**

**Samrat Singh, Lesley Drake (PCD-Imperial  
College London), Aulo Gelli (IFPRI)**

# BACKGROUND AND CONTEXT

- Home grown school feeding is school feeding sourced with 'local'/ 'small holder' agricultural production
- Challenge is animating this farm engagement
- Different procurement mechanisms- preferential bidding, geographical zoning forward contracts
- Supply linkage to national food reserve agencies

# FOOD RESERVE AGENCIES

- **GHANA**: National Food Buffer Stock Company (NAFCO)

Storage capacity - 18000 mt

- **NIGERIA**: Strategic Grain Reserve Department

Storage capacity - 1.35 million mt

# RESEARCH QUESTIONS

1. Whether linking grain reserves to school feeding has a credible impact on **farm engagement**, food safety and stock rotation?
2. What are the comparative benefits of different procurement modalities?

# METHODOLOGY

- Institutional and policy analysis
- Analytical frameworks
  - Food reserve procurement-farm engagement
  - School feeding  $\leftrightarrow$  grain reserves
- Randomized control trial in Ghana
  - Impact assessment of different modalities

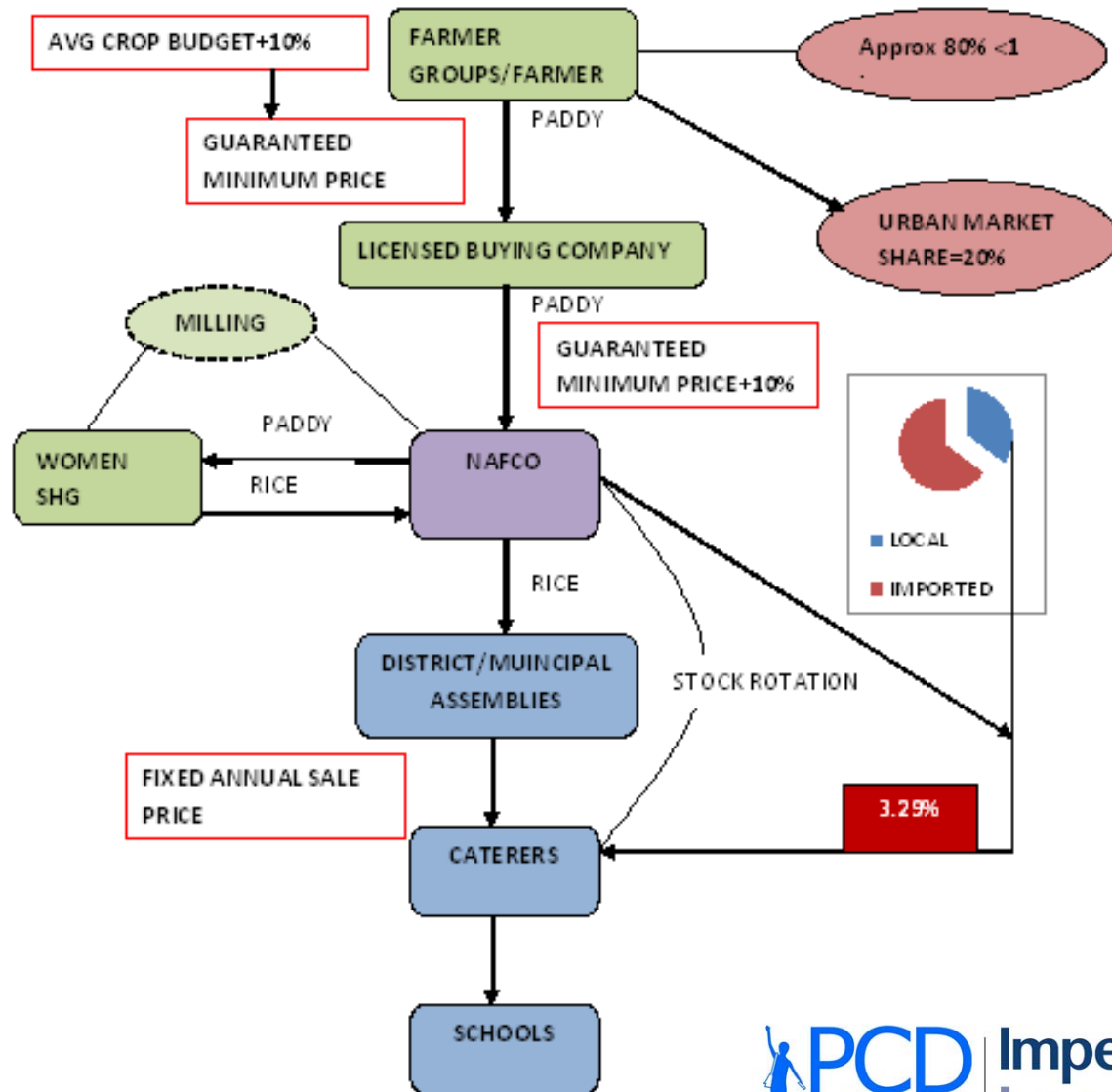
# PROCUREMENT MODALITY

- Third party- procurement agents;  
licensed medium sized  
traders/aggregators(LBA)
- Other modalities: deposit centers, open  
tendering, forward contracts

# PRICING

- Floor price administration (GMP)
- Based on crop budget averaged across agro-ecological zones

# NAFCO-GSFP





# PRELIMINARY FINDINGS

## FARM ENGAGEMENT

- No oversight to monitor terms of purchase at farm level
- Administration of GMP at farm level is variable and uncertain
- Undue profit on account of non-standard weights (approximately 18% by weight/unit)
- Assured use of domestic product in case of certain commodities

# PRICING

- Implicit cross subsidization of school feeding meal providers
- GMP is largely ineffective as a floor price

# PUBLIC PROCUREMENT

- Diversification of commodity portfolio beyond staples informed by SF menu;  
*nutrition driven public procurement*

# PLANNED RESEARCH

- Testing new procurement modality in Ghana
- Linking grain reserve department with school feeding in Osun state (Nigeria)
- Food safety risk assessment(primarily for aflatoxin contamination)

# Thank You



Samrat Singh  
samrat.singh@imperial.ac.uk