

## Coordination of activities

## Value chain analysis surveys in Ghana and Nigeria undertaken jointly for Gates and Gratitude

Information on market organisation supports Gates Objective 1

Information on seed yam supply supports Gates Objective 3

Information on post-harvest issues on farm supports Gates Objective 4 and Gratitude WP2:  
•Varieties/species  
•Storage needs/conditions  
•Sprout control

Information on losses during marketing supports Gates Objective 4

Information on current processing and processing potential supports Gratitude WP3

Planning for work on post-harvest characterisation of yam species/varieties  
Gates Objective 4 CRI, NRCRI  
Gratitude WP2 FRI, UNAAB

Planning for work on control of sprouting  
(Gates Objective 4, CRI, NRCRI)

Planning for work on reducing losses during marketing  
(Gates Objective 4, CRI, NRCRI)

Planning for work on improved drying to minimise aflatoxin  
(Gates Objective 4, CRI, NECRI)



## Gates Yam Project (YIIFSWA) – led by IITA

Objective 1. To create equitable smallholder and trader market linkages to realise benefits from increased ware yam productivity. (NRI)

Objective 2: To strengthen capacities and empowerment of smallholder farmers in the yam value chain. (FOSCA)

Objective 3. Establish sustainable availability of high quality seed on a commercially (price competitive) viable basis in targeted areas

Objective 4. To reduce post-harvest losses of yam tubers on farm and during marketing, and improve product quality (NRI – link to Gratitude)

Objective 5. Develop, standardize and support adoption of technologies for high ratio propagation of high quality breeder and foundation seed yams

Objective 6. To develop, validate, and disseminate yam production technologies with improved and local varieties

Objective 7. Identification and dissemination of more effective tools and strategies for prevention and management of pests and diseases

Monitoring and evaluation



# YAMS

## Bill and Melinda Gates Foundation (BMGF)

### Objective 1

Strengthen small-scale farmer and trader market linkages, particularly in less accessible production areas, to realise benefits from increased ware yam productivity and market demand

## Activity 1.1

### **Preliminary value chain assessment/mapping to determine:**

- (a) The location and specific characteristics of ware and seed yam farmers (and supporting institutions), their production systems and major markets.
- (b) The most suitable production areas for each market (with respect to cost of production, cost of transport, quality of product, etc).

This will provide information to help identify/select the specific farmers, their organisations and markets for subsequent more detailed value chain analysis.

## Activity 1.2

### **Detailed local value chain mapping, in order to:**

- Understanding the main production and trading systems
- Examination of gender roles and participation in yam production and marketing
- Understanding input and information systems
- Determining incentives and conditions for yam farmers (ware and seed) to expand production and market access
- Identify local organisations and service providers

## Activity 1.3

**Draw up and implement a comprehensive yam market development programme:**

- Discovery market programme
- Market modules development
- Agreement of individual market development plans
- Signing supply contracts

## Activity 1.4

**To support communication to reduce market asymmetries, through:**

- The use of rural radio (e.g. market information radio programme)
- Radio and television programmes to support technology transfer
- Other media opportunities (e.g. mobile telephones, ICT-based systems, manuals/guidelines, etc)





***Objective 4: To reduce post-harvest losses of yam tubers on farm and during marketing, and improve product quality***

- ***Activity 4-1 Develop, validate, and promote technologies to reduce on-farm tuber storage losses of existing varieties for tubers used for seed yam, home consumption, and marketing.***
- ***Activity 4-2: Develop and promote technologies to reduce tuber losses during marketing.***
- ***Activity 4-3 Improve post-harvest characteristics through germplasm assessment and selection.***
- ***Activity 4-4 Improving farm/small-scale processing.***