



Children eating OFSP.  
Photo credit: Bettina Haussmann

# Breeding Pipeline: OFSP Waf 2005-2010

## Contextualized scaling:

Some OFSP varieties that were evaluated and produced in BF have been **officially released** in Senegal, Mali and Ivory Coast.

Connect to other development institutions & initiatives

## Improved varietal utilization rates: (2014)

- 99% of **direct participants using OFSP varieties**, 250% increase in OFSP production
- **Moderate increase in yield** per area
- 96% **consumed** OFSP products; majority of women **were aware of the benefit** of consuming OFSP during pregnancy.
- **Availability** of OFSP planting materials had considerably improved, 83% had a site for **conserving cuttings** for the next season. However, the **area planted** with OFSP per producer was **still small** compared to white sweetpotato

## Stakeholder involvement in priority setting:

A farmer in Boura village, reported, "Future projects should be implemented and managed in a **more participatory manner** in order to avoid **confidence crises**... For example, it should be avoided to talk to one farmer alone...others will believe that he was paid, or that he is anticipating to be paid for the successful implementation of certain activities, for which others contribute the without any compensation."

(lack of) genuine collaboration

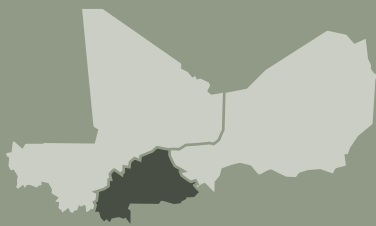
## Contextualized scaling: Collaboration

Project partners stated that a new 'identity', beyond institutional boundaries was created and **continues their cooperation in other projects**, for example one that covers 60 villages and 10 schools.

## Farmer managed seed production and dissemination:

The number of OFSP vine producers has increased from 30 to 100. The **customers come from neighboring villages**, other provinces, and neighboring countries.

## West Africa Community of Practice



**More appropriate variety testing and release system** (2010) 5 **high yielding** and adapted OFSP were selected after they were tested in research station and on farm trials.

Invest in capacity building for farmers

## Availability of high quality seed

Project intervention 2006-2010: **Increased cuttings** available of OFSP varieties introduced in 2001 to schools and producer groups as well as **training** on benefits of OFSP

## Seed production capacity building:

**6 seed producers' groups** in 5 target villages established. The groups received equipment and coaching for OFSP nurseries.

## Characterizing agrobiodiversity

(2008) 308 local accessions of sweet potato were collected and 15 OFSP varieties were identified.

## Test varieties under targeted conditions:

(2005) **Tested 20 OFSP varieties** from Uganda in **multiple environments**, results show that national annual climatic events (e.g. drought) account for variation in yield more than location differences

## The need

Burkina Faso is classified as one of the countries most severely **affected by Vitamin A deficiencies**, the sweet potato varieties that are popular have much less vitamin A than the orange flesh varieties (OFSP).

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COLLABORATIVE CROP RESEARCH PROGRAM

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## Project Partners



University in Region  
National Ag Research Center  
International Non-Governmental Organization