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Feed the Future Uganda Research and Innovation Laboratories (CRSPs)

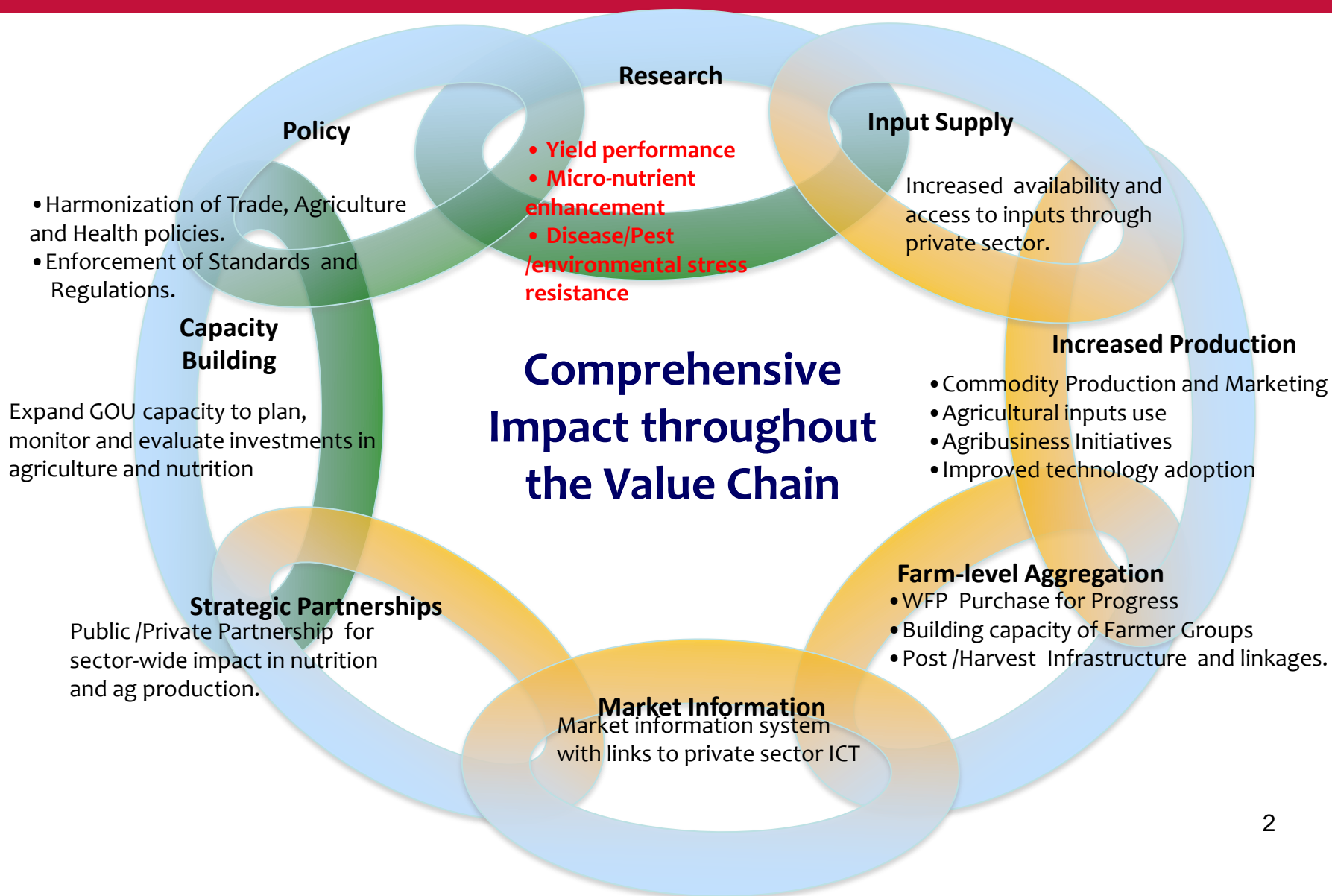


**FtF Innovation Laboratories Workshop,
Dar es Salaam/Morogoro Tanzania
March 04 – 08, 2013
By Simon Byabagambi**



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RESEARCH PRIORITY VALUES

■ **COFFEE CHAINS**

■ **MAIZE**

■ **BEANS**

(ADDITIONAL CONSIDERATION)

■ **BANANAS** (East African Highland Bananas)

■ **CASSAVA**



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Agriculture Research Activity (Beans)

Developing and disseminating multiple pathogen and drought resistant nutritionally enhanced bean varieties

PARTNER INSTITUTIONS

NARO, CIAT, Makerere University, University of Nairobi and BeckerUnderwood/USA



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Activities Being Carried Out

- Collection of germplasm (different bean varieties) resistant to the major bean disease and insect pest
- Selection of the collected germplasm for field and screen house trials for adaptability and resilience to different production stresses
- Development of drought resistance lines
- Development and dissemination of improved bean production technologies



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Agriculture Research Activity (Maize)

Disease resistant and drought tolerant varieties developed and disseminated

PARTNER INSTITUTIONS

NARO, CIMMYT and Makerere University



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Activities Being Carried Out

- Development of stress tolerant varieties targeting drought prone areas
- Development of nutritionally enhanced varieties
- Screen various materials for resistance to aflatoxins
- Multiplication and commercialization of released varieties



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Agriculture Research Activity (Cassava)

Developing and disseminating cassava planting materials that are tolerant to cassava brown streak and cassava mosaic viruses through use of biotechnology.

PARTNER INSTITUTIONS

NARO and Danforth Centre (USA) and Makerere University



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Activities Being Carried Out

Confined field trials are under way – too early to make any conclusions



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Agriculture Research Activity (Bananas)

Developing and disseminating banana planting materials that are tolerant to Banana bacterial wilt, Fusarium wilts, Black Sigatoka and Nematodes through use of biotechnology

PARTNER INSTITUTIONS

NARO and Cornell University (USA)



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Activities Being Carried Out

Confined field trials are under way – too early to make any conclusions



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FtF Food Security Innovation Labs (CRSPs)

- **Aquafish CRSP:** Oregon State University
- **Assets and Markets (AMA) CRSP** University of Wisconsin
- **Dry Grain Pulses CRSP:** Michigan State University
- **Global Nutrition CRSP:** Tufts University
- **Horticulture (HORT) CRSP:** California (Davis)
- **Integrated Pest Management (IPM) CRSP:** Virginia Tech
- **Peanut CRSP:** University of Georgia
- **Sorghum, Millet, and Other Grains CRSP:** Nebraska
- **Sustainable Agriculture & Natural Resource Management (SANREM) CRSP:** Virginia Tech



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Contribution by the Innovation Labs

- Played a critical role in building the human and institutional capacity of Ugandan scientists, researchers, and government partners.
- Laying a foundation for a more productive and sustainable agriculture sector.



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Achievements by the Innovation labs

- **Innovation Labs** have increased Coordination of the various research activities over the past year.
- Dedicated POC for the Innovation Labs
- Held the first ever in-country Innovation Labs semi-annual workshop (April 25, 2012) to discuss progress and updates from all activities and stakeholders.
- The increased coordination has resulted in cross-fertilization across research teams and helps to better connect them to our other FTF investments.



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Challenges

- Of the nine **CRSPs** only four are still being funded (Three of which run up to September 2014 and one closes 2016) – mobilizing folks in an ended program not easy
- Scaling out/up some of the good practices and models developed is a very big problem – initially there was a missing link between the CRSPs, USAID implementing partners, the national extension system and there seems to be no agenda of roll out at the end of the project activities – **sustainability issue**



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Thank you