

Legumes (Beans) Public-Private Archetype

Bottlenecks



Seed characteristics

- Low multiplication rate
- High cost of production
- Bulky
- Large difference in seed price and grain price



Demand characteristics

- High use of landraces, little pull for improved varieties
- High reuse of home saved seed
- QDS increased demand
- Free distributions by government and relief agencies



Regulatory

- Low capacity for certification
- No intellectual property right system operational



EGS production

- Breeder contracts + outgrower
- 3 Rounds of bulking of FS required
- Fragmented seed value chain – no clear EGS demand forecasting
- Lack of trust amongst producers on quality issues

Proposed solutions to bottlenecks

Establish Bean and Groundnut Foundation Seed Enterprise (FSE)

Ownership structure

- Entity under NARO Company holding Ltd
- Social enterprise
- Joint venture NARO/Dev't partners

Objective

- Bulk sufficient quantities of quality FS for most marketable varieties
- Build trust amongst value chain actors

Roles and responsibilities

Breeder seed

- Breeders produce sufficient quantities at research stations
- 2 flagship varieties exclusively provided to FSE; other varieties produces for S.C, ZARDI, LSBs
- FSE pays full production costs (± 150,000 UGX/kg)

Foundation seed

- FSE produces and markets most commercial varieties at recovery cost (± 15,000 UGX/kg)
- FSE coordinates supply & demand through pre-booking system
- NSCS to inspect & certify FS
- ZARDIs, SCs and LSBs to produce and sell commercial seed varieties
- Inspected by NSCS/delegated inspectors/Breeders

Commercial seed

- SC to produce certified seed for bulk orders & retail marketing
- Registered entrepreneurs & LSBs to produce QDS for local market
- Delegated inspection and certification QDS through DAOs and/or accredited inspectors
- NSCS and/or private accredited seed inspectors for certified seed

