NL-CGIAR: Seed Systems Development

Policy and regulatory reform options for seed market development: Expanding the empirical evidence base in Uganda

**Consortium Members**
- Geoffrey Otim (ISSD, Wageningen UR Uganda)
- Renzaho Proscovia Ntakyo (NARO)
- Fredrick Bagamba (Makerere University)
- David J. Spielman (IFPRI)
- Bjorn van Campenhout (IFPRI)
- Karèn Verhoosel (CDI, Wageningen UR)
- Erwin Bulte (Wageningen University)
- Robert Sparrow (Wageningen University)

**Impact activities**
- **Stakeholders:** Ministry of Agriculture, Animal Industry, and Fisheries (MAAIF), including the Departments of Crop Production, Extension, and Planning; local government; national extension system actors; Uganda Seed Trade Association; policy think-tanks; seed companies; local seed business associations; and farmer organizations
- **National Seed Sector Stakeholder Platform:** A key forum for sharing study design and findings via national meetings, workshops, and dialogues

**Synergies with other initiatives**
- Integrated Seed System Development (ISSD) Africa Project
- CGIAR Research Program on Policies, Institutions, and Markets (PIM)
- CGIAR Research Program on Roots, Tubers, and Bananas (RTB)
- CGIAR Research Program on Maize (Maize)
- Alliance for a Green Revolution in Africa (AGRA)

**Project description**

**Strengthening the policy environment**
- Genetic material and early generation seed distribution rules
- Varietal release regulations and procedures
- Quality assurance regulations and systems
- Competition and anti-trust regulations

**Enhancing seed demand**
- Awareness of available varieties and traits
- Awareness of available quality seed
- Knowledge on economic benefits
- Trust issues viz. quality seed providers
- Purchasing power of farmers
- Downside risks to agriculture

**Improving seed supply**
- Information inefficiencies/asymmetries
- Market fragmentation/integration
- Transaction costs
- Imperfect competition
- Rent-seeking behaviour

**Seed Sector Development**
- maize, beans, potato

**Methods**
- Analyse policy and regulatory landscape of Uganda’s seed system
  - Reviews of government, industry, and research documents
  - Key informant interviews
  - Secondary data analysis
- Analyse seed supply dynamics
  - Stack surveys to capture multiple value chain actors
  - Explore experimental approaches to improving supply
- Analyse seed demand constraints
  - Test constraints to adoption with field experiments designed to assess willingness to pay for quality seed and planting materials

**Anticipated impacts**
- Improved policy environment and seed sector practices that increase smallholder farmers’ access to quality seed in a timely manner