SeEdQUAL: theory of change

Challenge

- Inefficiencies and capacity gaps in CG/NARS limit ability to identify and promote farmer and market preferred varieties
- Shortage of affordable and quality EGS inhibits uptake of new varieties
- Costly, timeconsuming and misaligned seed regulations not incentivizing and inhibiting uptake and varietal turnover
- While new seed
 systems investments
 provide opportunities
 to increase seed access
 and use for women
 and other unreached
 groups, more effort is
 needed to address
 constraints that limit
 their rights, choices,
 and capabilities

Demand partners

Farmers

Seed

organizations

companies

Accelerated

Breeding

Intelligence

Market

Work Packages

WP 1: Characterization, advancement and hand-over of new varieties: fewer, better varieties

WP2: Capacity-building, modernization and MEL.

WP3: From intention to implementation: Policies for varietal turnover, seed quality assurance, and trade in seeds

WP4: Scaling equitable access to quality seed: reaching the unreached with quality seeds and traits.

Innovation partners

- n, Id-over r, • NARS
- FtF Innovation Labs and other IARCS
 - AGRA
 - Seeds2B
 - NML
 - Benchmarking and metrics partners

Outputs

- Product advancement criteria and process to prioritize varieties for commercialization established and standardized based on industry best practice, extensive on-farm testing and demonstrations
- New models of EGS and certified/QDS seed production tested through demand-led public and private partnerships.
- Validated rapid seed multiplication methodologies available
- Evidence base for policy options_incentivizes varietal turnover
- Evidence base to provide practical approaches to designing more inclusive seed systems
- New varietal adoption and inclusion metrics

Scaling partners

- Seed trade associations
- Regional trade bodies
- Credit and subsidy linked input suppliers and other aggregators (including government)
- Regional Initiatives

Outcomes

- Seed companies and other seed multipliers more routinely access new varieties from CGIAR/NARs networks of a broader range of crops matched to their needs
- Seed enterprises adopting innovative and transformative models for accessing, multiplying and disseminating quality EGS.
- Regulators and seed purchasers use their leverage and mandate to actively promote varietal turnover and adoption by lowering barriers and better market alignment
- Dis-advantaged farmers have more choice and access to quality seed of new varieties that meet their needs

Demand partners

Seed companies

Foundation seed

companies

· National seed

· National seed

authorities

· Ministries of

Agriculture

units

Impact areas

Poverty reduction, livelihoods and jobs

Nutrition, health

and food security

Gender Equality, youth and social inclusion

Climate adaptation and mitigation

Environmental health and biodiversity

2024 2030

2022

sphere of control

sphere of influence

sphere of interest

Linked initiatives:

AGRA Center of Excellence in Seeds Systems

SeEdQUAL will support CoEiSS to strengthen public and private seed company capacity and advocate for policy reform

SUSTAINABLE G: ALS