



National Policies and
Strategies for Food,
Land and Water Systems
Transformation

Seed Equal: Delivering genetic gains in farmers' fields

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The Challenge

- **Vulnerability of smallholder farmers, especially women and disadvantaged groups, to climate-related challenges that threaten agricultural production**
- **Inadequate seed supply and delivery systems misaligned with user and market demand → smallholders often recycle seed or use older seed varieties, which leaves them more vulnerable to pests and diseases.**
- **Improved varieties, innovations and approaches have the potential to transform agri-food systems and reduce yield gaps, “hunger months,” and other disparities.**
- **However, limited access to and use of affordable, quality seed of well adapted varieties with desired traits remains a bottleneck.**

Initiative's Overall Objective

...to **support the delivery of seed of improved climate-resilient, market-preferred and nutritious varieties of priority crops**, embodying a high rate of genetic gain to farmers, ensuring equitable access for women and other disadvantaged groups.

Policy Component Objective:

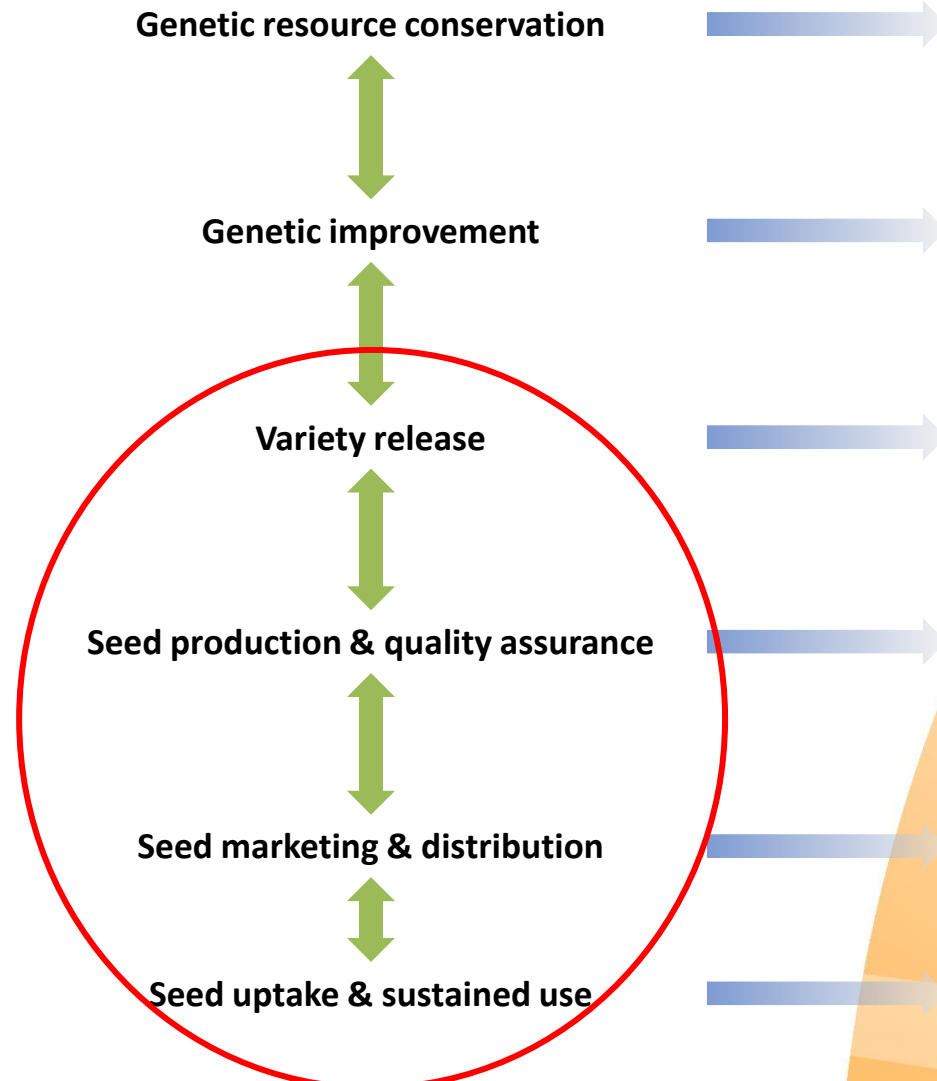
...to **generate evidence and engagement on policy, investment, and regulatory issues** necessary to advance efficient, sustainable, and inclusive seed markets



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Entry points in seed sector development

Value chain for seeds and traits



Policy options

- Genetic resources policy
- Biodiversity conservation policy
- Access and benefits sharing arrangement
- Agriculture, nutrition strategies

- Research spending and prioritization
- Agro-ecological, market prioritization
- Farmer/client engagement strategies
- Nutrition policy

- **Testing, registration and release rules**
- Access and benefit sharing guidelines
- Intellectual property rights and licensing
- **Trade policy**

- **Investment and trade policy**
- **Production subsidies, taxes**
- **Phytosanitary requirements**
- **Quality assurance regulations**
- Market intelligence strategies
- Strategic integration of formal, informal systems

- **Agricultural input policies**
- Agricultural extension services
- **Market and trade policies and regulations**
- Healthy diets and nutrition
- Demand creation mechanisms

Cross-cutting issues:
Seed sector governance, management
International, regional, and bilateral agreement
Policy design and implementation capacity

Anticipated outputs of Policy Component

Actionable, evidence-based policy recommendations specific to context that advance inclusive and sustainable seed system and market development, including

Improved capacity of organizational and individual partners to conduct policy analysis for seed system and market development

New methods, tools, data, and measurement systems for the monitoring and evaluation of policy change processes in seed system and market development

Evidence of impact: significant contributions to policy change processes and outcomes for selected countries and contexts



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