

## Seeds for Needs, comprehensive package to promote selection of local varieties adapted to local conditions from national genebanks through farmers' use, using crowdsourcing and citizen science approaches

**Project Title:** P391 - Using biodiversity, including genetic diversity, for land restoration

**Description of the innovation:** A comprehensive participatory package to promote the selection of local varieties adapted to local conditions from the national genebank through farmers' use, using crowdsourcing and citizen science approaches. This approach to promoting diverse wheat varieties is showing significant impacts.

**New Innovation:** No

**Stage of innovation:** Stage 4: uptake by next user (USE)

**Innovation type:** Research and Communication Methodologies and Tools

**Geographic Scope:** Multi-national

**Number of individual improved lines/varieties:** <Not Applicable>

**Country(ies):**

- Uganda
- Ethiopia

**Outcome Impact Case Report:** <Not Defined>

**Description of Stage reached:** This approach has been widely tested and validated among communities in Ethiopia and Uganda.

**Name of lead organization/entity to take innovation to this stage:** Bioversity (Alliance) - Alliance of Bioversity and CIAT - Headquarter (Bioversity International)

**Names of top five contributing organizations/entities to this stage:**

- Mekelle University
- ARARI - Amhara Regional Agricultural Research Institute
- EBI - Ethiopian Biodiversity Institute
- TARI - Tigray Agricultural Research Institute

**Milestones:** No milestones associated

**Sub-IDs:**

- 28 - Increased resilience of agro-ecosystems and communities, especially those including smallholders
- 40 - Increased capacity of partner organizations, as evidenced by rate of investments in agricultural research

**Contributing Centers/PPA partners:**

- Bioversity (Alliance) - Alliance of Bioversity and CIAT - Headquarter (Bioversity International)

**Evidence link:**

**Deliverables associated:** <Not Defined>

**Contributing CRPs/Platforms:**

- WLE - Water, Land and Ecosystems