

## Expert System for Soil Nutrient Management developed for El Salvador

**Project Title:** P611 - Restoration of deforested/degraded areas in Colombia, Peru, Haiti and El Salvador

**Description of the innovation:** <Not Defined>

**New Innovation:** No

**Stage of innovation:** Stage 1: discovery/proof of concept (PC - end of research phase)

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

**Geographic Scope:** Sub-national

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

**Country(ies):**

- El Salvador

**Description of Stage reached:** This expert System was developed based on expert knowledge on soil Management under the specific conditions of the project geographical area and on information about soil map units, digital elevation model and land cover. This tool is ready for piloting with partners.

**Name of lead organization/entity to take innovation to this stage:** CIAT (Alliance) - Alliance of Bioversity and CIAT - Regional Hub (Centro Internacional de Agricultura Tropical)

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

- CRS - Catholic Relief Services

**Milestones:**

- Stakeholder capacities and information platforms are developed, leading to more feasible, gender-responsive, and locally-led restoration projects in productive landscapes in at least 2 countries (Ethiopia and Peru)

**Sub-IDs:**

- 28 - Increased resilience of agro-ecosystems and communities, especially those including smallholders

**Contributing Centers/PPA partners:**

- CIAT (Alliance) - Alliance of Bioversity and CIAT - Regional Hub (Centro Internacional de Agricultura Tropical)

**Evidence link:**

- <https://arccg.is/04fTyG>

**Deliverables associated:** <Not Defined>

**Contributing CRPs/Platforms:**

- WLE - Water, Land and Ecosystems