

## Smartphone applications to make project results available to private sector extension providers and farmers

**Project Title:** P57 - Mainstreaming CSA practices in mixed tree/food crop systems among smallholder farmers in W Africa & Latin America

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

**New Innovation:** No

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

**Innovation type:** Production systems and Management practices

**Geographic Scope:** Multi-national

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

**Country(ies):**

- Uganda
- Ghana

**Outcome Impact Case Report:**

•2161 - Ghana's COCBOD incorporates CGIAR science into training materials for climate resilient cocoa production (targeting a potential 800,000 farmers) (<https://tinyurl.com/2xmjjtzj>)

**Description of Stage reached:** Hersheys, ECOM, Touton and Olam commissioned the development of a smartphone app for cocoa producers in Ghana combining climate exposure maps and recommended CSA practices by gradient. A Stepwise app was developed for use by impact partner extension workers including Hanns R. Neumann Stiftung and Olam.

**Name of lead organization/entity to take innovation to this stage:** <Not Defined>

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

- IITA - International Institute of Tropical Agriculture
- WCF - World Cocoa Foundation
- CIAT (Alliance) - Alliance of Bioversity and CIAT - Regional Hub (Centro Internacional de Agricultura Tropical)

**Milestones:** No milestones associated

**Sub-IDOs:**

**Contributing Centers/PPA partners:**

**Evidence link:**

**Deliverables associated:**

- D12032 - The Stepwise Smartphone Application Co-creation of innovative agricultural extension support tools. (<https://hdl.handle.net/10568/100132>)
- D11902 - Cocolink application  
(<https://play.google.com/store/apps/details?id=co.farmerline.cocolink>)

**Contributing CRPs/Platforms:**

- CCAFS - Climate Change, Agriculture and Food Security