

## Participatory building and analysis of multiple set of scenarios

**Project Title:** P771 - Shaping equitable climate change policies for resilient food systems across Central America and the Caribbean

**Description of the innovation:** The innovation consists of building from key participants' knowledge a set of multiple scenarios, that enables them to explore a wide range of possible futures. These scenarios are then used to discuss and test policy options.

**New Innovation:** Yes

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

**Innovation type:** Social Science

**Geographic Scope:** Multi-national

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

**Country(ies):**

- El Salvador
- Guatemala
- Peru
- Honduras
- Nicaragua
- Costa Rica

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

**Description of Stage reached:** At Centro American arena level, this innovation has been used by SECAC for EASAC formulation. In Costa Rica, it has been used by MINAE in NDC 2017 and its revision in 2020 (NDC 2020). In other countries, has been used to discuss various initiatives and plans.

**Name of lead organization/entity to take innovation to this stage:** UCI - Universidad para la Cooperación Internacional

**Names of top five contributing organizations/entities to this stage:** <Not Defined>

**Milestones:**

- National/state level decision-makers are being supported in developing CSA investment portfolios for international climate finance providers that meet funding requirements and are informed by CCAFS science; decision-makers being made aware of 'good enough' enabling policy elements required and barriers to be reduced to support CSA at scale (linked to CoA 1.3 activities)
  - Country level recommendations for policy alternatives are being developed that identify robust climate smart strategies, while taking priority setting and trade off analyses into account
  - Training materials are developed and workshops held to strengthen national/state capacities for scenario-based strategic planning, as well as targeted materials for other partner organisations (e.g. NGOs) developed (linked to CoA 1.2)

**Sub-IDs:**

- 33 - Improved forecasting of impacts of climate change and targeted technology development
- 29 - Enhanced adaptive capacity to climate risks (More sustainably managed agro-ecosystems)
- 41 - Conducive agricultural policy environment

**Contributing Centers/PPA partners:**

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

**Evidence link:** <Not Defined>

**Deliverables associated:**

- D19173 - Future socio-economic scenarios for agriculture and food and nutritional security in Nicaragua in 2050  
(<https://tinyurl.com/ya8ayjaq>)
- D19172 - Creation and analysis of future scenarios for agriculture, food security and livelihoods in the Dry Corridor of Honduras  
(<https://tinyurl.com/ybyxfuc>)
- D19169 - Exploring the future of agriculture in Honduras  
(<https://tinyurl.com/y8px4omy>)
- D19176 - Future Scenarios for Agriculture and Food Security in Guatemala to 2050: Policy note  
(<https://tinyurl.com/y8msdg9k>)
- D19127 - Scenarios for agriculture, and food and nutritional security 2050 (Guatemala)  
(<https://tinyurl.com/y87s8nll>)
- D11437 - Participatory Scenarios building in Honduras  
(<https://tinyurl.com/y7lwq9ba>)
- D19171 - Future scenarios for agriculture and food security in 2050, El Salvador  
(<https://tinyurl.com/ybmy2ahl>)
- D19174 - Future Scenarios for Agriculture and Food and Nutritional Security in 2050 in the Dry Corridor of Honduras- Policy Note  
(<https://tinyurl.com/ycatzncc>)
- D11641 - Participatory Scenarios building in Honduras  
(<https://tinyurl.com/yc65vbzy>)
- D19175 - Future Scenarios for Agriculture and Food Security in El Salvador in 2050: Policy note  
(<https://tinyurl.com/y7z4fklv>)
- D20003 - Evaluation of the participatory scenario building methods adjustments based on Centro American experiences  
(<https://tinyurl.com/ybwajob9>)
- D19168 - Anticipation of futures helps Central America prioritize climate investments  
(<https://tinyurl.com/y8enkasd>)
- D19177 - Future Scenarios for Agriculture and Food Security in Nicaragua to 2050: Policy note  
(<https://tinyurl.com/y8czt2fw>)

**Contributing CRPs/Platforms:** <Not Defined>