

## Evidences

### Study #4693

#### Contributing Projects:

- P2311 - 2021 Alliance Outcome Impact Case Reports

#### Part I: Description and all information of the outcome/impact reported

**Type:** OICR: Outcome Impact Case Report

**Status:** On-going

**Year:** 2021

**Outcome Impact Case Report link:** [Study #4693](#)

**Title:** The Government of Ucayali, Peru, adopts deforestation-free, low- emissions strategies to strengthen cocoa and palm oil value chains

#### Short outcome/impact statement:

The strategies developed to promote deforestation-free, low- emission cocoa and oil palm value chains have been officially adopted by the regional government of Ucayali to guide public and private stakeholders towards improved sectorial and agricultural development. Both documents have been developed by the Alliance of Bioversity and CIAT in the framework of a project on “Business models to address drivers of deforestation in Peru” or Sustainable Amazon Businesses (SAB).

#### Outcome story for communications use:

Peru is introducing sustainable business models in the agro-industry and livestock sectors to reduce greenhouse gas emissions (GHG) caused by deforestation. The goal is to increase productivity in deforested areas and achieve an agricultural production system that is deforestation-free. The strategies: (Moving towards a palm oil value chain that contributes to the conservation of forests and a reduction in greenhouse gas emissions and Moving towards a deforestation-free cacao and chocolate value chain with low greenhouse gas emissions) and the business models will contribute to the climate protection goals laid down in the Peruvian NDC (Nationally Determined Contribution) and the Joint Declaration of Intent on REDD+ (JDI) . Both documents have been signed by the Governor of the Ucayali region and have been approved by the Ministry of Agrarian Development and Irrigation (MIDAGRI) and the Ministry of Environment (MINAM). The documents build upon the strategies to strengthen the regional competitiveness plans for the cocoa and the palm oil value chains, designed by the Alliance of Bioversity and CIAT in the framework of the SAB project, approved through a Regional Executive Resolution, No. 322-2020-GRU-GR.

#### Links to any communications materials relating to this outcome:

- <https://tinyurl.com/24cw99az>
- <https://tinyurl.com/24jrktha>
- [https://twitter.com/CIAT\\_/status/1133472571129847809](https://twitter.com/CIAT_/status/1133472571129847809)
- [https://twitter.com/CIAT\\_/status/1134196173655478275](https://twitter.com/CIAT_/status/1134196173655478275)
- <https://tinyurl.com/29gxtprk>
- [https://twitter.com/BioIntCIAT\\_esp/status/1295797041004675077](https://twitter.com/BioIntCIAT_esp/status/1295797041004675077)
- [https://twitter.com/BioIntCIAT\\_esp/status/1296935181132214273](https://twitter.com/BioIntCIAT_esp/status/1296935181132214273)
- [https://twitter.com/CIAT\\_/status/1134196897151946756](https://twitter.com/CIAT_/status/1134196897151946756)

**Geographic scope:**

- National

Country(ies):

- Peru

Comments: <Not Defined>

**Stage of maturity of change reported:** Stage 2

**Key Contributors:**

Contributing Levers:

- Lever 1 - Healthy sustainable diets
- Lever 2 - Multifunctional Landscapes

Contributing external partners:

- Ministerio del Ambiente / Ministry of Environment (Peru)
- ClimateFocus - Climate Focus
- Gobierno Regional de Ucayali (Peru)
- MINAGRI - Ministerio de Agricultura y Riego del Perú

**CGIAR innovation(s) or findings that have resulted in this outcome or impact:**

The CGIAR research that resulted in this outcome is the direct result of our having established the linkages between deforestation and cacao, coffee, palm oil, and cattle production in Peru (1).

**Innovations:** <Not Defined>

**Link to Common Results Reporting Indicator of Policies :** Yes

**Policies contribution:** <Not Defined>

**Elaboration of Outcome/Impact Statement:**

To contribute to Peru's vision of zero net deforestation through various means, including sustainable business models, value chain actors (i.e., producers, buyers, service providers, public and private investors, policymakers) have developed and adopted new value chain strategies that will be piloted through specific business models (2,3). The first step in this process was an initial characterization, analysis, and prioritization of value chains with the potential for reducing deforestation and carbon emissions in the Peruvian Amazon (1). Involvement of relevant private sector players and investors was crucial for their early engagement and commitment to the subsequent design of value chain upgrading strategies and the implementation of business models.

Based on the value chain assessments, the project designed and agreed on upgraded practices with the relevant value chain actors that target zero deforestation and low emissions goals in prioritized value chains (4,5). The greenhouse gas (GHG) mitigation practices proposed for the cocoa and palm value chains include the use of organic fertilizers, crop residues and legume species, the implementation of agroforestry systems, and the establishment of conservation agreements. The use of organic fertilizers, crop residues and nitrogen-fixing plants reduces GHG emissions by replacing chemical fertilizers and increasing the soil organic carbon. Agroforestry systems contribute to the sequestration and long-term storage of carbon in forest trees. The conservation agreements, together with the geolocation and monitoring of the farms, will prevent land use change, ensuring a business model free of deforestation (2,3).

These practices were consolidated into a value chain upgrading strategy that includes a plan of action with a specific timeline and clearly defined stakeholders' roles and responsibilities to ensure they pursue their joint goal.

The regional government of Ucayali has now formally adopted the guiding documents, the information, and the capacity provided by the Sustainable Amazon Businesses project converting them into regional strategies to continue developing deforestation-free and low-GHG emission value chains (2,3).

**References cited:**

1. Castro-Nunez, A.C.; Villarino, M.E.J.; Bax, V.; Ganzenmüller, R.; Francesconi, W. (2021) Broadening the perspective of zero-deforestation interventions in Peru by incorporating concepts from the global value chain literature. *Sustainability* 13(21): 12138. 12 p. ISSN: 2071-1050  
<https://cgspace.cgiar.org/handle/10568/116120>
2. Ivanova, Y.; Tristán, M.; Romero, M.; Charry, A.; Lema, S.; Choy, J.; Velez, A.; Castro-Núñez, A.; Quintero, M. (2020) Moving towards a palm oil value chain that contributes to the conservation of forests and a reduction in greenhouse gas emissions. CIAT Publication No. 502. International Center for Tropical Agriculture (CIAT). Cali, Colombia. 144 p.  
<https://cgspace.cgiar.org/handle/10568/110537>
3. Ivanova, Y.; Tristán, M.; Romero, M.; Charry, A.; Lema, S.; Choy, J.; Vélez, A.; Castro-Núñez, A.; Quintero, M. (2020) Moving towards a deforestation-free cacao and chocolate value chain with low greenhouse gas emissions. CIAT Publication No. 502. International Center for Tropical Agriculture (CIAT). Cali, Colombia. 136 p.  
<https://cgspace.cgiar.org/handle/10568/110541>
4. Creation of multistakeholder platform to promote zero deforestation and low GHG emissions value chains in Ucayali, Peru  
[https://twitter.com/CIAT\\_/status/1146790910564478977?s=19](https://twitter.com/CIAT_/status/1146790910564478977?s=19)  
[https://twitter.com/CIAT\\_/status/1148286791449026560?s=19](https://twitter.com/CIAT_/status/1148286791449026560?s=19)  
<https://blog.ciat.cgiar.org/es/avanza-proyecto-sab-en-peru-con-talleres-de-actores-en-cacao-y-palma-de-aceite/>  
[http://www.regionucayali.gob.pe/grde/index.php?option=com\\_k2&view=item&id=62:ucayali-desarrolla-modelos-de-negocios-para-abordar-los-motores-de-la-deforestacion](http://www.regionucayali.gob.pe/grde/index.php?option=com_k2&view=item&id=62:ucayali-desarrolla-modelos-de-negocios-para-abordar-los-motores-de-la-deforestacion)
5. Value chain workshop with key stakeholders from the Ucayali Government  
[https://twitter.com/BioIntCIAT\\_esp/status/1466075031725875209?s=20&t=r09tYKxJbA-RmhDy-JCHI](https://twitter.com/BioIntCIAT_esp/status/1466075031725875209?s=20&t=r09tYKxJbA-RmhDy-JCHI)  
A  
<https://www.facebook.com/region.deucayali/videos/vb.1557935697858127/354027755141803/?type=2&theater>  
[https://twitter.com/CIAT\\_/status/1131236800763170816](https://twitter.com/CIAT_/status/1131236800763170816)

**Quantification:** <Not Defined>

## Gender, Youth, Capacity Development and Climate Change:

**Gender relevance:** 1 - Significant

Main achievements with specific **Gender** relevance: Creation of a gender-sensitive multistakeholder platform to promote zero deforestation and low-GHG emission value chains in Ucayali, Peru (4)

**Youth relevance:** N/A - Not applicable

**CapDev relevance:** 1 - Significant

Main achievements with specific **CapDev** relevance: Capacity building of key government officials of the Ucayali government around inclusive value chain development under the Link methodology (5)

**Climate Change relevance:** 2 - Principal

Describe main achievements with specific **Climate Change** relevance: Climate change is the principle focus of this research project and outcomes are targeted towards the government policies around climate change (1,2,3,4)

**Other cross-cutting dimensions:** NA

**Other cross-cutting dimensions description:** <Not Defined>

## Part II: Mapping to Alliance strategy and structure

**Does this OICR contribute to Lever Outcomes?:** No

**Does this OICR contribute to Nexus? :** No

### Funding Sources:

- (FS5957) Center Funds - 2021 OICR Project

**Does your OICR have a legacy link to work in a CRP/PTF? :** Yes

### Legacy CRPs/PTFs:

- WLE - Water, Land and Ecosystems

### SDG Targets:

- 12.2 - By 2030, achieve the sustainable management and efficient use of natural resources
- 15.2 - By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally
- 13.a - Implement the commitment undertaken by developed-country parties to the United Nations Framework Convention on Climate Change to a goal of mobilizing jointly \$100 billion annually by 2020 from all sources to address the needs of developing countries in the context of meaningful mitigation actions and transparency on implementation and fully operationalize the Green Climate Fund through its capitalization as soon as possible

## Part III: Alignment to the new One CGIAR Research and Innovations Strategy 2030 and organizational structure

**Does this OICR contribute to Action Area Outcome Indicators?:** No

**Does this OICR contribute to Impact Area Indicators?:** No

**Does this OICR contribute to Initiatives?:** No



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**Internal Status:**

<Not defined>