



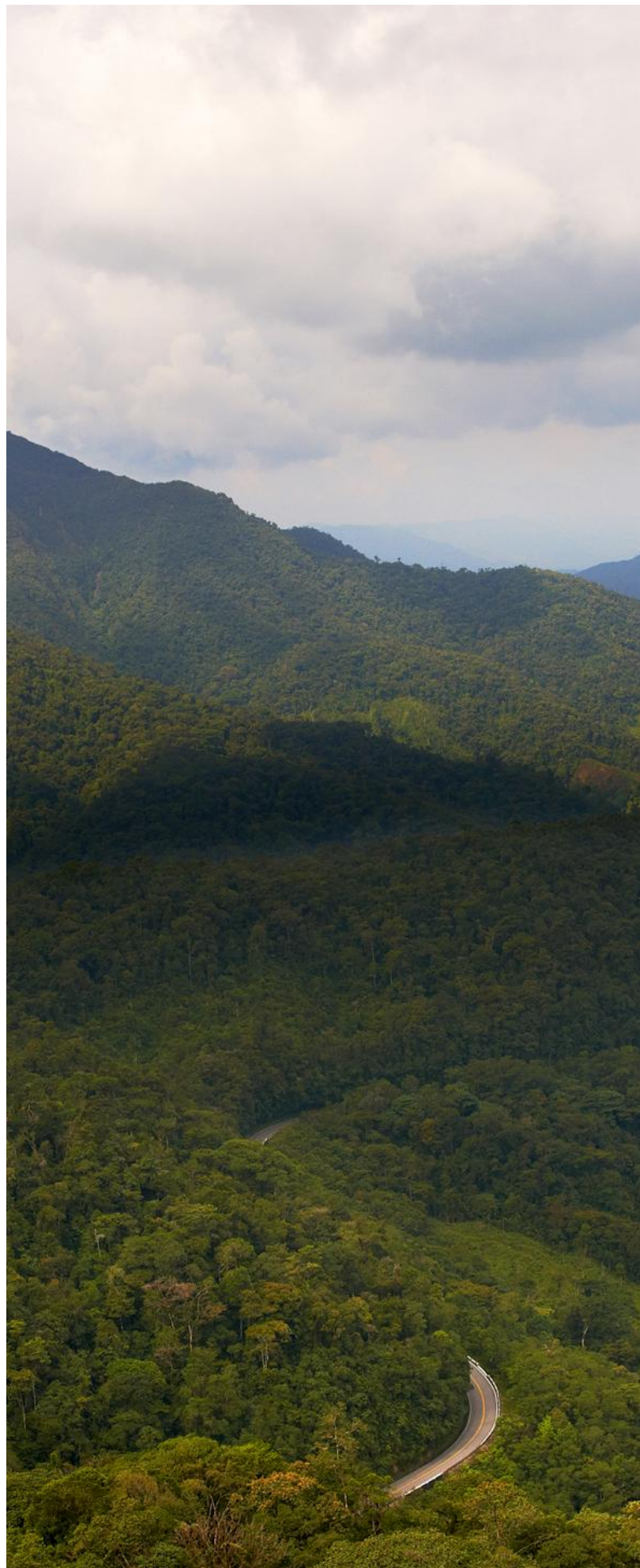
Alto Mayo Protected Forest REDD+ Program





November 2012

Project achieves REDD+ verification



**1st verified
REDD+ project for CI**

**1st verified REDD+ project
in a protected area**

**5th verified
REDD+ project in the world**

**Largest verified REDD+ project to
date (hectares)**

**Single largest corporate investment
in REDD+**



SAN MARTIN REGION PERU

LEGEND

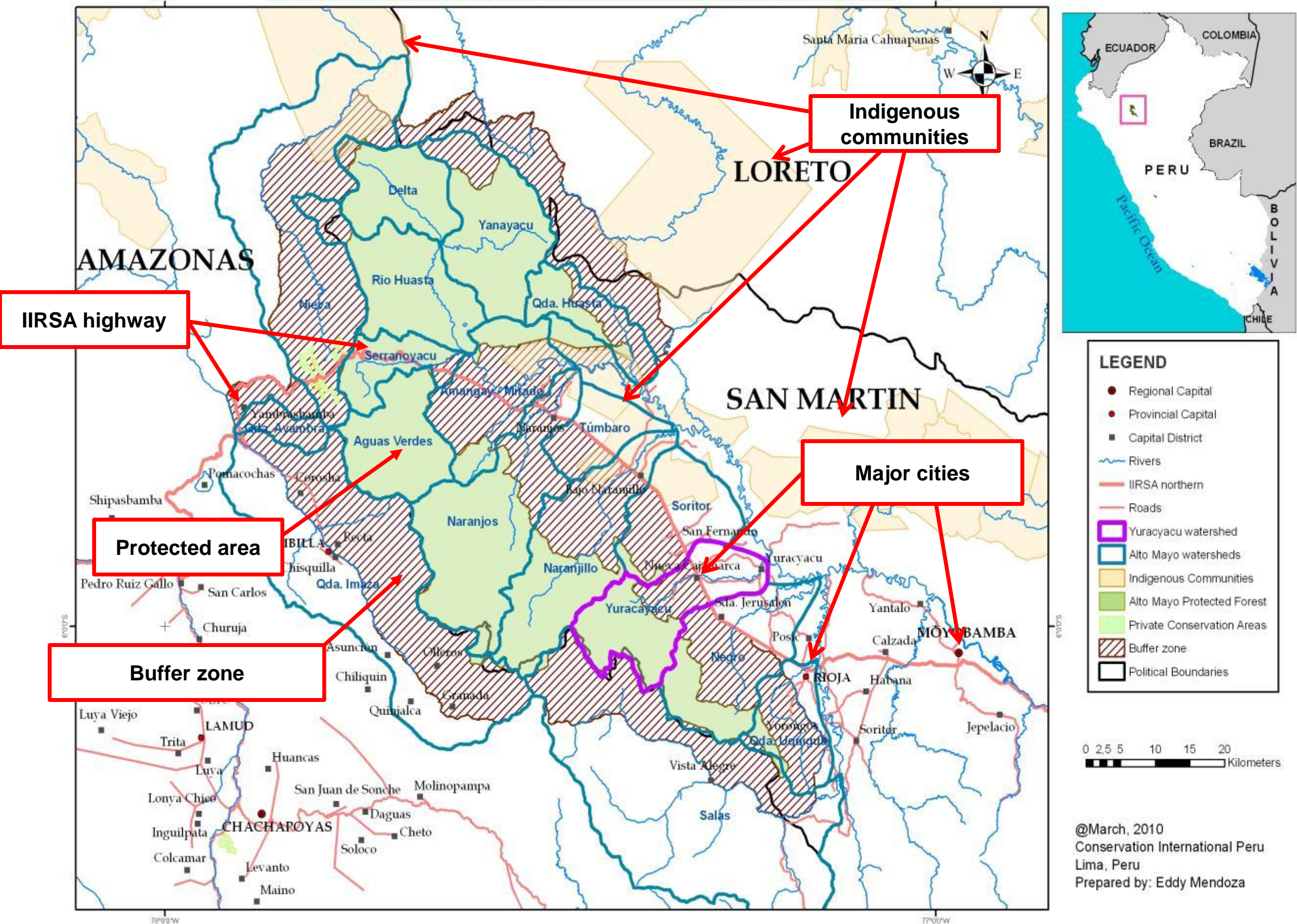
- Capital Regional
- Main cities
- Rivers
- IIRSA Northern highway
- Roads
- Political boundaries
- Regional Conservation Area
- Conservation Concession
- CI Intevention
- Natural Protected Areas

Projection UTM, Zone 18 south
 Source:
 SERNANP, 2009;
 MINEDU, 2003;
 Ikonos image satellite

CONSERVACIÓN
INTERNACIONAL
Perú

@May, 2012
 Conservation International Peru
 Prepared by: Eddy Mendoza
 Lima, Peru

ALTO MAYO CONSERVATION INITIATIVE - PERU



Alto Mayo Protected Forest (AMPF)

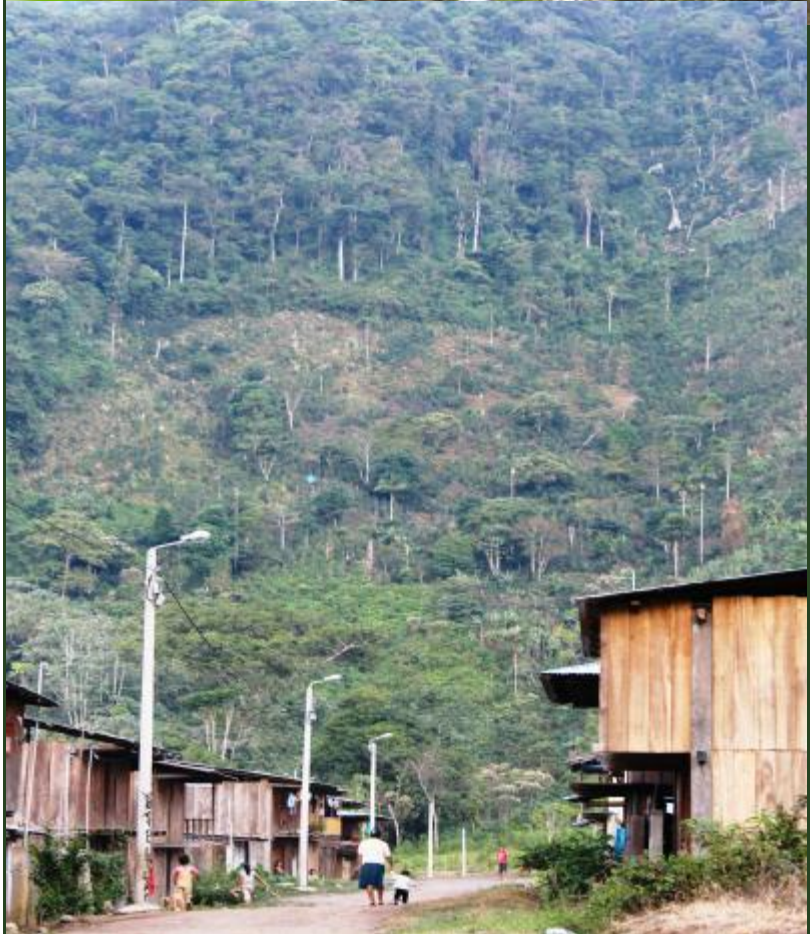
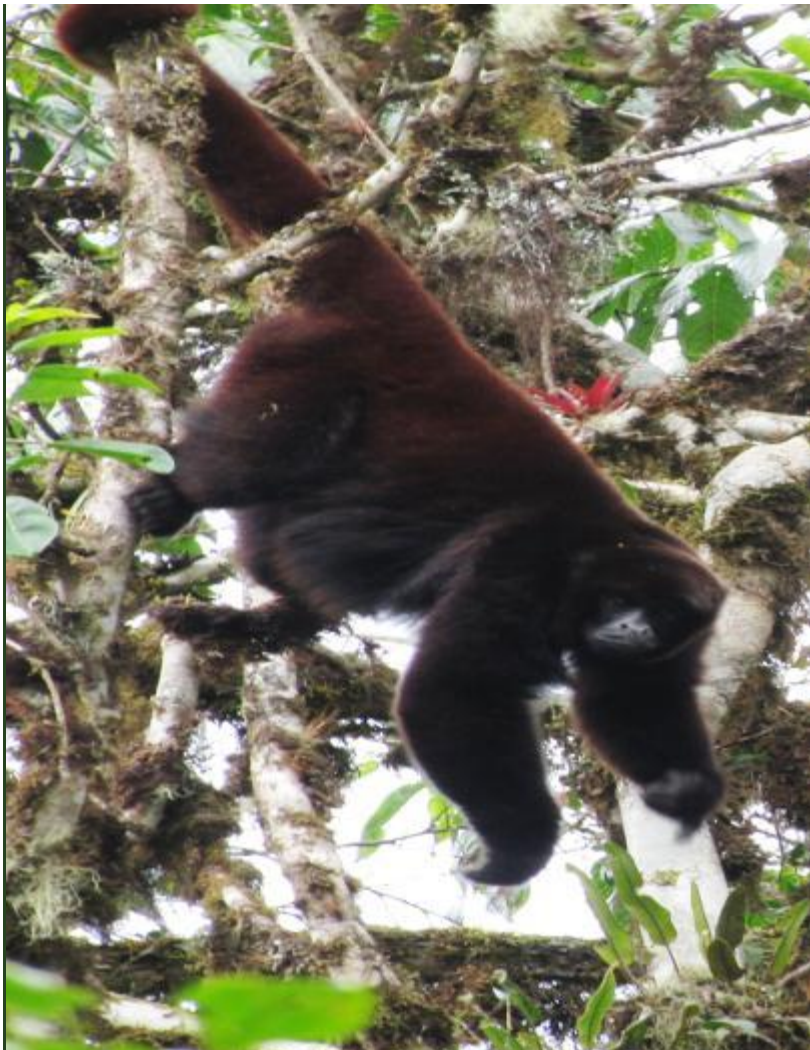
Eastern side of Andes mountains, headwaters of Mayo river which drains to the Amazon

Covers 182,000 hectares (449,000 acres) of land in the Peruvian Amazon

Area with high value for biodiversity conservation and watershed protection

Home to many endemic and endangered species like the yellow-tailed woolly monkey





Importance

- Protects entire water network (headwaters) of the Mayo River.
- Main forest area: tropical montane forests and cloud forests (Yungas)
- Source of drinking water to an est. 200,000 people, irrigation to 24 thousand ha rice, 13,000 ha of coffee, and for ag. related industries (mills).
- Highly important for endemic and migrant birds - a fundamental part of the North Eastern Bird Corridor and Tourism route.
- Habitat to 3 endemic primates species: Yellow-Tail Woolly Monkey (*Oreonax flavicauda*), Mono Tocón (*Callicebus Oenanthe*), Andean night monkey (*Aotus miconax*)
- Habitat for endangered and endemic species: Andean Bear (*Tremarctos ornatus*) Kovachi orchid (*Phragmipedium kovachii*), and others yet to be discovered.



AMPE is under threat

Recently paved highway built through the forest led to increased population and illegal logging

One of the highest deforestation rates amongst Peruvian national protected areas, main driver is unsustainable sun-grown coffee production





Designing a REDD+ Initiative for the Alto Mayo Protected Forest

OBJECTIVES

Conserve the AMPF

Reduce deforestation of primary forests

Promote sustainable economic activities and improve human well-being standards

Restore and maintain critical ecosystem services – water provision and regulation, scenic beauty, biodiversity

Leveraging CI's Strengths

CI PERU AND ECOSYSTEM FINANCE + MARKETS

CELB

PRIVATE SECTOR ENGAGEMENT.....• generates revenue needed for project implementation and build market

Carbon Fund

MONETIZE NATURAL CAPITAL.....• project development, management and support for implementation

Conservation Stewards Program

CONSERVATION AGREEMENTS.....• primary tool used to reduce deforestation in the protected area

Verde Ventures

FINANCIAL SUPPORT.....• loan-based financing to coffee growers in the buffer zone

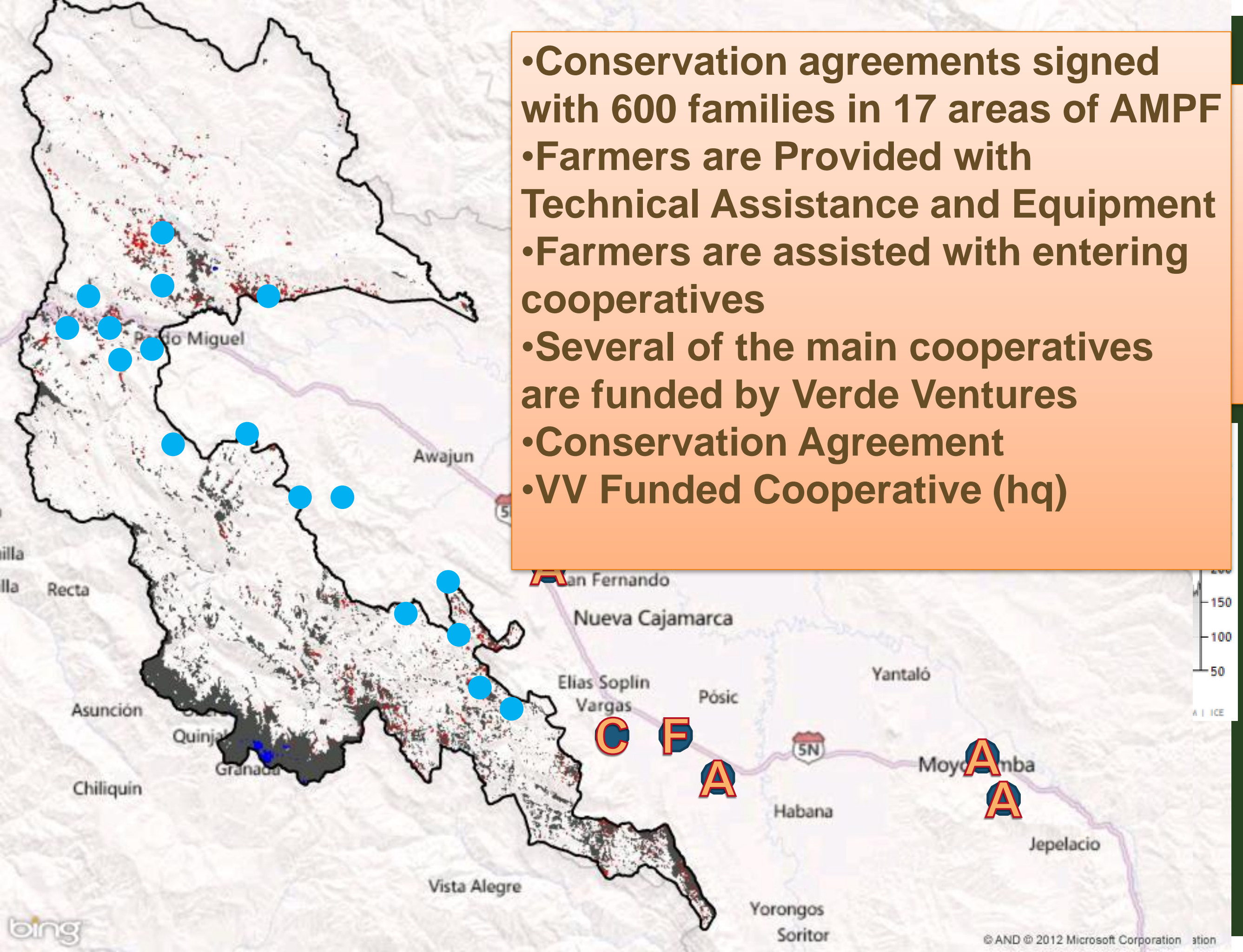


Communities & Livelihoods

Through talks with village leaders and local farmers, CI-Peru worked with communities to sign **conservation agreements** committing to protect the forest (ban logging, reforest degraded areas) in exchange for specific benefits (technical support and supplies to transform into shade-grown coffee production)



- Conservation agreements signed with 600 families in 17 areas of AMPF
- Farmers are Provided with Technical Assistance and Equipment
- Farmers are assisted with entering cooperatives
- Several of the main cooperatives are funded by Verde Ventures
- Conservation Agreement
- VV Funded Cooperative (hq)



Verification



Credibility of GHG Reductions

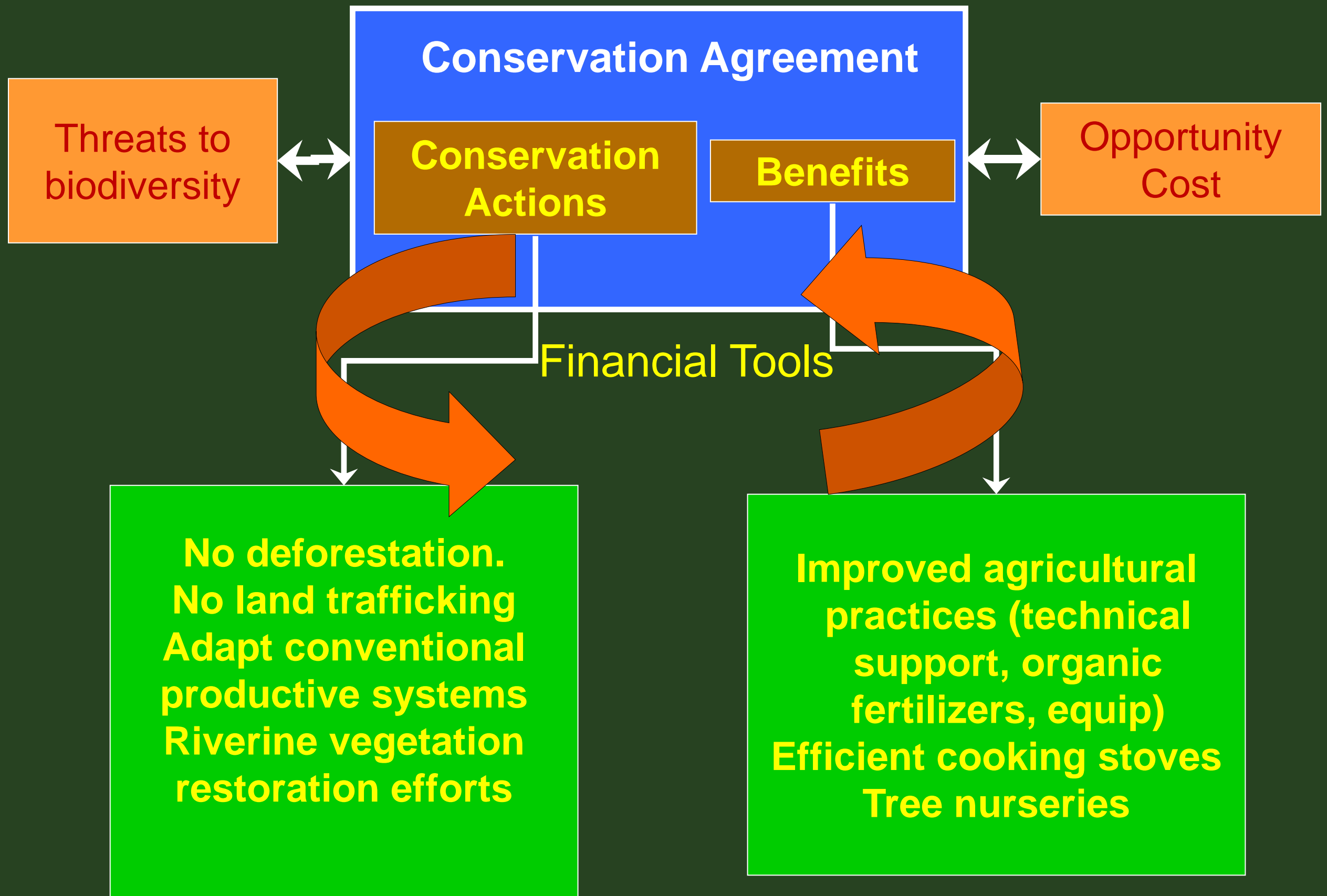
- Additionality
- Measurement & monitoring
- Leakage
- Permanence
- Registration



Project Design, plus Social and Environmental Impacts

- Poverty alleviation & sustainable development
- Biodiversity conservation
- Watershed protection
- Climate adaptation

Conservation Agreements



Coffee Yields



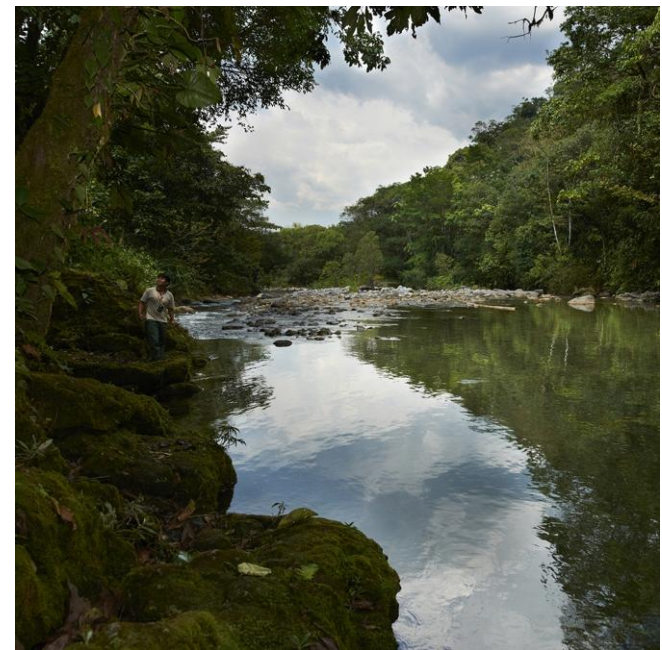
	Full Sun (Baseline)	Shade /Fertilizer (REDD+)
Needed (ha):	+1 per 3 years	3 indefinitely
Year 1 Yield	30qq	10qq
Year 4 Yield	37qq (peak)	25qq
Year 7 Yield	17qq	35qq
Year 10	0qq	35qq
After Year 10	0qq (soil depleted)	35qq (indefinite)
C0₂ Released (t/10 years)	1784 (4ha)	0
NPV to Farmer (10 years)	s./ 37,890	s./ 173,328

Outcomes and Benefits

2.8 million tons of carbon pollution out of the atmosphere to date (2009-2012)

Up to 900,000 carbon credits being “retired” in Disney’s name

Proceeds will go to fund the long-term management and protection of the area



Outcomes and Benefits

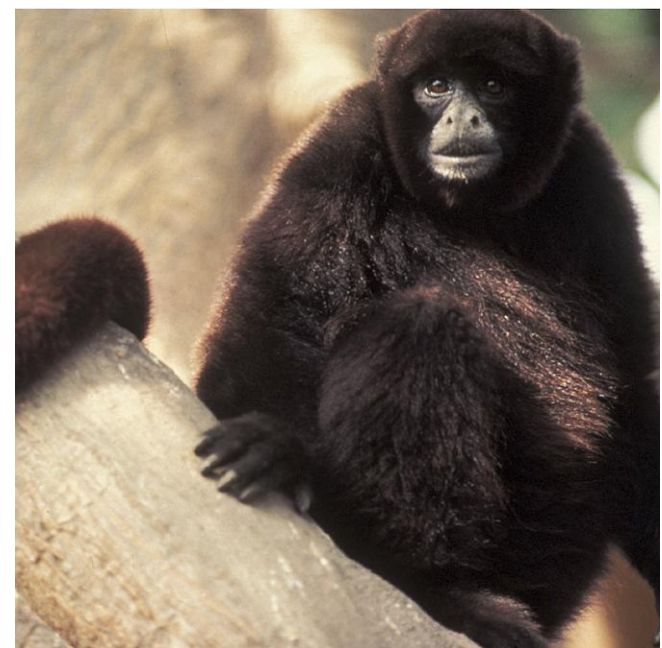
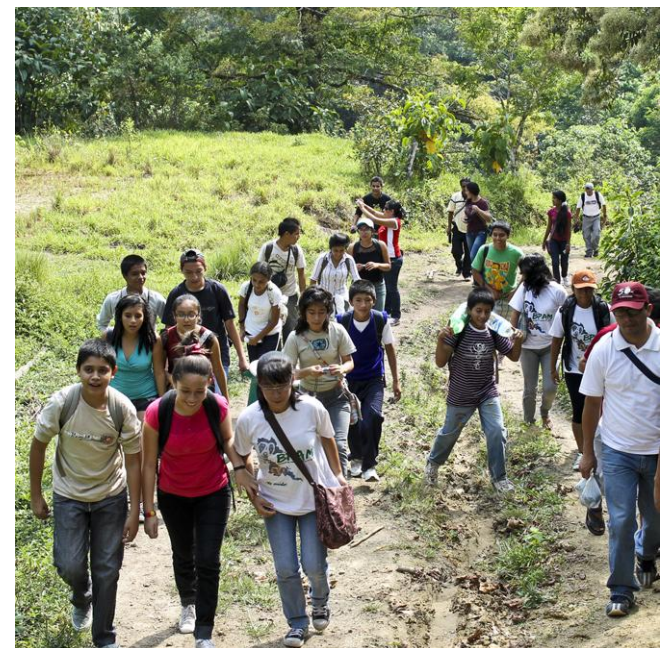
600+ families signed conservation agreements and improved coffee practices

70 students participated in communication workshops

Park Service strengthen by hiring of more rangers and patrols

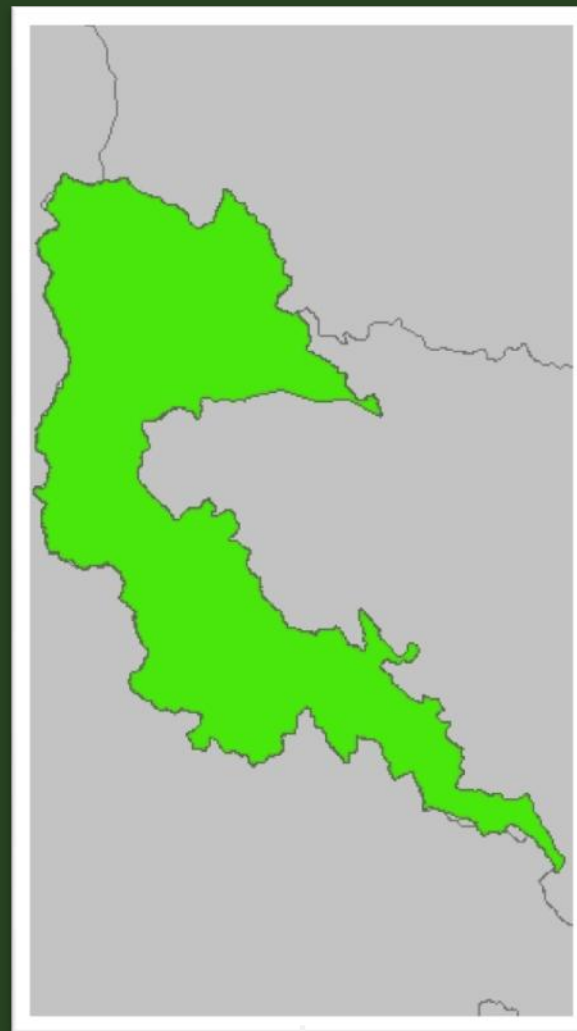
Clear-cutting has decreased across the region

Baby yellow-tailed woolly monkeys sighted by local residents

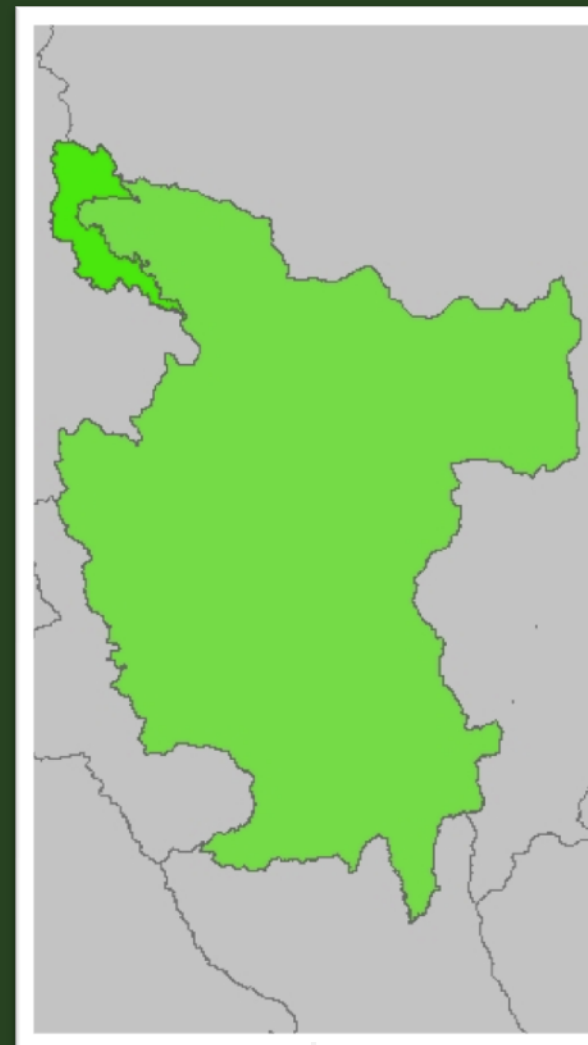


Amplification for the next 5 years

LOCAL:
Alto Mayo
Protected Forest



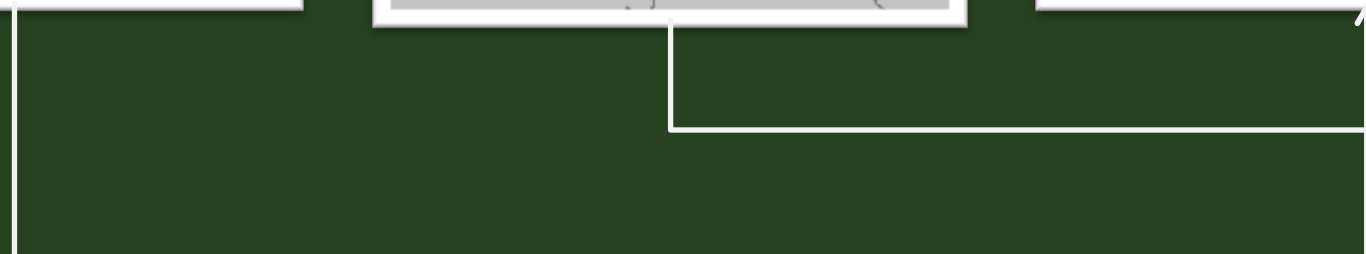
SUB-NATIONAL:
San Martin



NATIONAL:
Peru



Site and local
REDD+ initiatives
are informing
Peruvian national
REDD+ policy
development





THANKS!

CONSERVATION
INTERNATIONAL

Peru



Strategy for Financial Sustainability

Administration Contract

