

Harnessing the potential of trees on farms for meeting national and global biodiversity targets

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With increased fragmentation of landscapes and habitat loss, protected areas alone may not be sufficient for preventing biodiversity loss in much of the world.

'Sustainable management' of the entire landscape, including agriculturally productive areas is needed.

Aichi Target 7: 'area of agricultural ecosystems under sustainable management' reflects the well-established cause-effect relationship between the presence of resources-conserving, sustainable, management practices and improvements in biodiversity status.



Project goal

Increasing the number of trees on farms helps conserve and restore biodiversity and improves agricultural productivity. We work with communities, governments, NGOs and the private sector to promote this approach in Honduras, Indonesia, Peru, Rwanda and Uganda.



Activities

1. Increase our knowledge of the links between trees, agriculture and biodiversity
2. Provide tools for practitioners, operational road maps and investment scenarios for five countries
3. Prepare a biodiversity assessment tool to measure the contribution of trees on farms to biodiversity.
4. Assess a range of options for increasing investments in trees in agriculture
5. Help create road maps and business plans for local partners
6. Through this, we will help countries achieve Aichi Target 7: 'By 2020 areas under agriculture, aquaculture and forestry are managed sustainably, ensuring conservation of biodiversity'



Implementing organization

Global: International Centre for Research in Agroforestry (ICRAF/ World Agroforestry).
Peru: ICRAF



Partner institutions

Centro Agronómico Tropical de Investigación y Enseñanza, Costa Rica; Center for International Forestry Research, Indonesia; Georg August Universität, Göttingen, Germany; International Union for Conservation of Nature, Switzerland; Leibniz Universität, Hannover, Germany.



Partner institution

National

Public-sector actors for mainstreaming in the NBSAP

- Ministry of Environment (MINAM)
- Ministry of Agriculture (MINAGRI)
- National Forest Service (SERFOR, part of MINAGRI)
- CONADIB

Public-sector actors for mainstreaming, building enabling context to support management by smallholders

- SERFOR
- MINAGRI

Public-private and private-sector platforms

- National committee to support the formulation of the national cocoa plan (supported by UNDP)
- Cocoa Producers Alliance
- Cocoa and Coffee National Chamber
- Oil palm producers Alliance (Junpalma)
- Consortium to support the formulation of the NAMA facility with coffee (supported by UNDP)

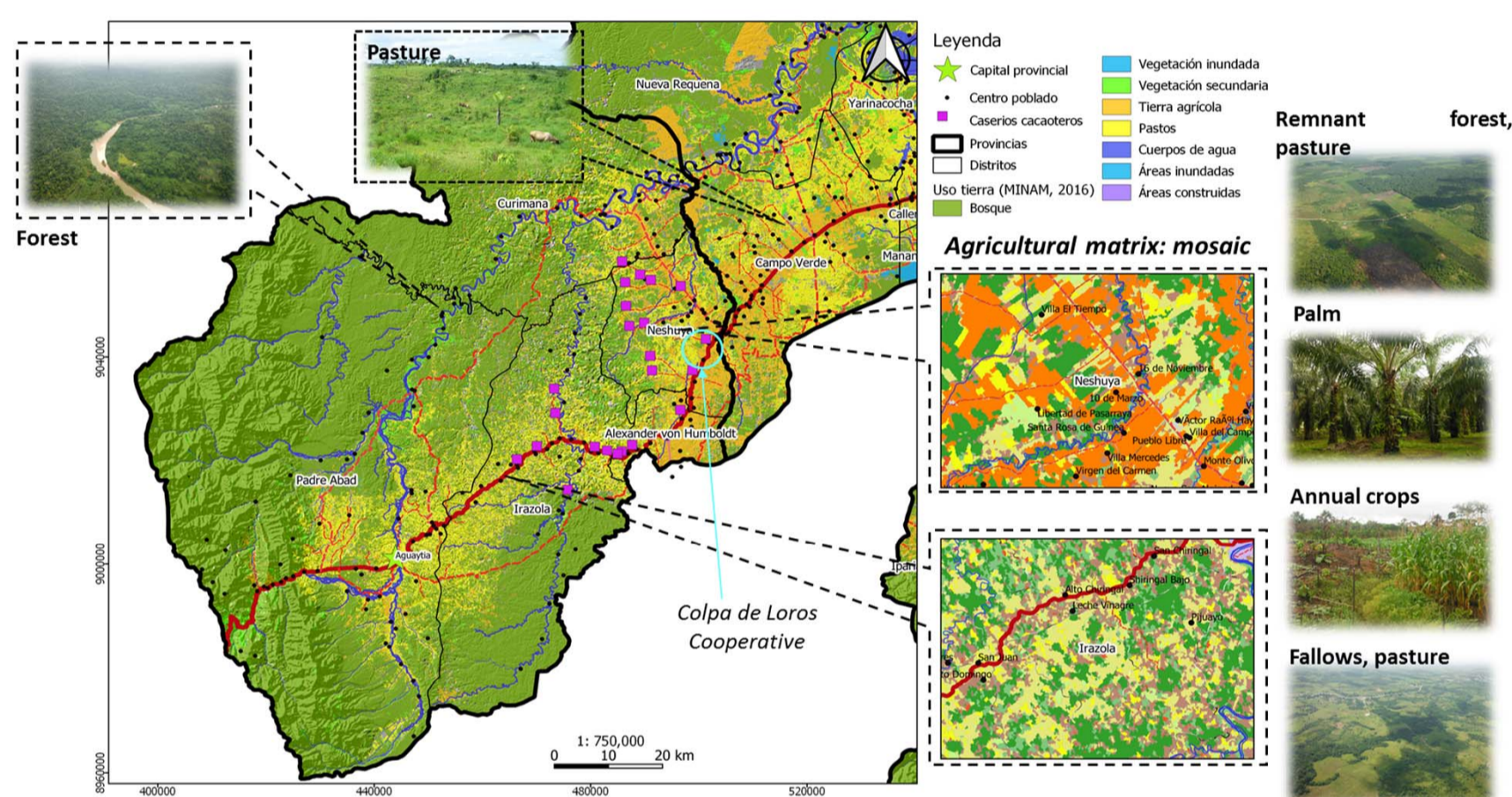
Other national actors

- UNDP: Sustainable Productive Landscapes
- Global Green Growth Institute

National research centres

- INIA National Agricultural Research Centre
- University of La Molina

PERU: STAKEHOLDER ENGAGEMENT PLAN



Targets for Trees on Farms

	Study site	Land-use system	Targets for trees on farms
Peru	Padre Abad Province, Ucayali	Cocoa agroforestry on degraded agricultural land (pasture or degraded fallow)	Biodiversity-friendly cocoa agroforestry established on degraded agricultural land (pasture, degraded fallow or full-sun cocoa) to promote restoration by integrating multi-functional species for biodiversity and ecosystem services' restoration. Ten percent (10%) of the cocoa area integrates biodiversity-friendly tree species
	Along the gradient from pasture and degraded cultivated land in Campo Verde to forest-rich areas in Shambillo where small-scale oil-palm plantations are expanding	Small-scale oil-palm plantations	Biodiversity-friendly oil-palm agroforestry piloted in degraded oil-palm plantations under regeneration and on pasture land
		Fallow-based annual crop systems	Fallow-based systems and other smallholding land-use systems enriched with biodiversity-friendly species

Sub-national

Public-sector actors for mainstreaming: incidence and engagement through their agencies and projects at sub-national levels

- Regional Government of Ucayali
- Regional Environmental Agency
- Regional Directorate of Agriculture
- Regional Forest Authority
- SERFOR (decentralized unit)
- Provincial Government of Padre Abad (Aguaitya)
- National Plan of Forest Conservation and Climate Change (unit of intervention in Sinchy Roca/Padre Abad)

Public-private and private-sector platforms

- REDD+ roundtable
- Low carbon development planning platform (Earth Innovation Institute)
- Sustainable production platforms for cocoa
- Sustainable production platforms for oil palm



Duration: 12/2017 - 11/2021



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Target	Measure of success	Stakeholder	Action	Timeline
Mainstreaming trees on farms' targets, project results and general information on trees on farms	Advancement in the agenda of multisectoral engagement to favour adoption and recognition of trees on farms for Aichi 7	MINAM MINAGRI SERFOR National Committee to support the formulation of the national cocoa plan Cocoa Producers Alliance Cocoa and Coffee National Chamber Oil Palm Producers Alliance (Junpalma) Consortium to support the formulation of the NAMA facility with coffee UNDP: Sustainable Productive Landscapes Global Green Growth Institute National Agricultural Research Centre University of La Molina	Organization of national workshop to present infobrief, WP1 activities and WP2 plans, articulation between NDCs measures and Aichi 7 Feedback session on results of national network analysis exercise and based on that advances in the articulation of cross-sectorial agenda to support trees on farms for biodiversity	By November 2019
Mainstreaming biodiversity-friendly trees on farms' targets: showcasing evidence from projects	Showcase trees on farms' targets with, regional actors (sectoral authorities and decision makers, technical actors, private sector etc) Participation in local roundtables and support in the formulation of strategic documents, technical guidelines and regional regulations. Ucayali and San Martin	Regional Government of Ucayali Regional Environmental Agency Regional Directorate of Agriculture Regional Forest Authority SERFOR (decentralized unit) Provincial Government of Padre Abad (Aguaitya) National Plan of Forest Conservation and Climate Change (unit of intervention in Sinchy Roca/Padre Abad) REDD+ roundtable Low carbon development planning platform (Earth Innovation Institute) Sustainable production platforms for cocoa Sustainable production platforms for oil palm	Organization of minimum two regional workshops to present an infobrief, WP1 activities and WP2 plans, articulation between climate change and biodiversity agendas, alignment with sectoral plans Attendance at meetings in the regions with platforms, technical roundtables and groups; organization of sessions and presentations in the framework of these events	Mid-2020 Through 2020 Minimum 6 trips
Cocoa biodiversity-friendly trees on farms		Colpa de Loros, KAOKA (FR)	Trimestral meetings with steering committee Provide support and supervision in the identification of practices based on farmers' preferences, capacities and aspirations for enriching systems with biodiversity-friendly species Provide support for nurseries. Inclusion of biodiversity-friendly species Provide results of WP2 to be shared Regular exchanges with KAOKA, opportunities for fundraising to be explored	Through 2020 Minimum 2 trips The rest combined with other opportunities
Oil palm biodiversity-friendly trees on farms	Native species and species relevant for biodiversity conservation are integrated into oil-palm plantations	Junpalma and local oil-palm cooperative (COCEPU/OLAMSA)	Provide support and supervision in the identification of practices based on farmers' preferences, capacities and aspirations for enriching systems with biodiversity-friendly species Opportunities for fundraising to be explored	Through 2020 Minimum 2 trips The rest combined with other opportunities



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