



HARNESSING THE POTENTIAL OF TREES ON FARMS FOR MEETING NATIONAL AND GLOBAL BIODIVERSITY TARGETS

As of: October 2021

Tree stocks on agricultural land perform a key function in terms of interconnecting ecosystems and maintaining soil and agrobiodiversity. However, the significance of these 'trees on farms' (TonF) has not been adequately incorporated into partner country NBSAPs. The project uses participatory approaches to improve knowledge of TonF. By integrating indigenous and local knowledge, the project provides relevant stakeholders with context-specific, tree-based measures that can contribute to biodiversity conservation, the avoidance of emissions and adaptation to climate change impacts. The project is also supporting the integration of sustainable management and agricultural biodiversity into the fields of policy and planning. Partner organisations are also mobilising sources of funding and developing innovation platforms. Networks are being leveraged to deliver instruments and further training, so as to evaluate biodiversity functions according to national requirements.

State of implementation/results

- In collaboration with the EU funded transformational partnership platform on Agroecology Trees on Farms (TonF) is developing a new global biodiversity indicator to support the UN Convention on Biological Diversity's Post-2020 Global Biodiversity Framework (GBF).
- Trees on farms (TonF) targets were agreed in key agricultural landscapes in Peru, Honduras, Indonesia, Rwanda and Uganda.
- A tool, BIODIVERSITY MONITORING FOR AGRICULTURAL LANDSCAPES, developed and tested to quantify the contribution of trees on farms to i) in-situ conservation; ii) landscape connectivity; and iii) enhancing ecosystem services.
- Biodiversity data demonstrating the importance of Trees on farms for the conservation of biodiversity, collected, analysed and

PROJECT DATA

Country/Countries:

Honduras, Indonesien, Peru, Ruanda, Uganda

Implementing organisation:

World Agroforestry Center (ICRAF)

Political partner(s):

- Ministry of Agriculture and Animal Resources (MINAGRI) - Rwanda
- Ministry of Environment (MINAM) - Peru
- Ministry of Environment - Honduras
- Ministry of Environment and Forestry (KLHK) - Indonesia
- National Environment Management Authority (NEMA) - Uganda
- National Institute for Forest Development and Conservation - Honduras
- Rwanda Environment Management Authority (REMA)
- Secretariat for Agriculture and Livestock - Honduras
- State Ministry of National Development Planning (BAPPENAS) - Indonesia

Implementing partner(s):

- Center for International Forestry Research (CIFOR)
- Helmholtz-Zentrum für Umweltforschung GmbH (UFZ)
- International Union for Conservation of Nature and Natural Resources (IUCN) - Switzerland
- Leibniz Universität Hannover
- Tropical Agricultural Research and Higher Education Center (CATIE) - Costa Rica

BMU grant:

€ 5,876,326

Duration:

12/2017 till 11/2021





communicated in Uganda, Honduras, Rwanda, Indonesia and Peru.

- We are contributing to the development of the Global Biodiversity Framework (GBF) by actively engaging with SBSTTA-24 and the Open-ended Working Group of the Post-2020 GBF, attending and contributing to and working closely with technical advisors and the CBD focal points in all five countries. See our policy brief, Inclusion of agriculture in the post-2020 biodiversity agenda, and our comments to the proposed Framework.
- Novel behavioural experiments and role games with farmers and landowners are providing solutions for increasing the biodiversity value of agricultural landscapes through restoration and tree-growing programs.
- The second IKI biodiversity global-learning and knowledge-exchange event was attended by more than 900 participants during the Global Landscapes Forum's Biodiversity Digital Conference 2020. Private- and public-sector biodiversity experts from six IKI projects presented solutions for directing investments into biodiversity-friendly food production. Read the white papers: Biodiverse food systems [[events.globallandscapesforum.org/...](https://events.globallandscapesforum.org/)], Biodiversity finance [[events.globallandscapesforum.org/...](https://events.globallandscapesforum.org/)].
- Trees on Farms was recognised as global indicator to monitor and measure the biodiversity value of agriculture landscapes by Rwanda and Uganda in their sixth country reports to CBD.
Links:
 - Project-Website: treesonfarmsforbiodiversity.com
 - Articles: Why massive effort needs to be put into growing trees on farms [[theconversation.com/...](https://theconversation.com/)]
 - Feature: Diverse agricultural landscapes for conservation of biodiversity and resilience of food systems [[www.worldagroforestry.org/...](https://www.worldagroforestry.org/)]
 - Making the post-2020 global biodiversity framework a successful tool for building biodiverse, inclusive, resilient and safe food systems for all [[iopscience.iop.org/...](https://iopscience.iop.org/)]
 - The Conversation: New targets to protect biodiversity must include farmers and agriculture [[theconversation.com/...](https://theconversation.com/)]
 - No silver bullet for solving challenge of land restoration [[forestsnews.cifor.org/...](https://forestsnews.cifor.org/)].

