



Food and Agriculture
Organization of the
United Nations

MAINSTREAMING EX-ANTE GREENHOUSE GAS ACCOUNTING INTO INVESTMENTS IN AGRICULTURE AND THEIR ECONOMIC AND FINANCIAL ANALYSIS

The impact of climate change on the food and agriculture sectors continues to grow, while challenges exist for climate change mitigation. Assessing and monitoring emissions and reductions within the food and agriculture sectors is proven to be more intricate compared to other sectors. Addressing these challenges necessitates international collaboration to enhance the capacities of agricultural stakeholders in data collection and GHG appraisal, adhering to certified methodologies.

This project was designed to utilise the FAO developed EX-Ante Carbon balance tool (EX-ACT) to assess the impact of IFAD implemented agriculture and forestry development initiatives on climate change mitigation, with a specific focus on the carbon balance). The primary goal was to systematically reduce Greenhouse gas (GHG) emissions from agriculture systematically generating climate-resilient investment options for development projects and programmes.



WHAT DID THE PROJECT DO?

Through continuous collaboration between FAO and IFAD, the project worked in strengthening capacities to design and monitor GHG mitigation in agricultural development projects. The project was implemented through a series of training of trainers (ToT), GHG and project analysis and appraisal, and awareness raising on the prioritisation of agriculture climate mitigation. The focus of the project was slightly amended owing to disruptions caused by the COVID-19 pandemic and project activities were reoriented to have a greater focus on assessing the climate change mitigation potential of IFAD's project portfolio; trainings were planned online (as opposed to in-person) and in-person missions were replaced by desk appraisals.

IMPACT

The project impact was fully achieved, with the use of EX-ACT mainstreamed within IFAD's project portfolio. IFAD now requires a GHG appraisal at design for all its investment projects in AFOLU that are intended to report on climate change mitigation finance.

KEY FACTS

Latest Approved Budget
USD 1 080 000

Duration
April 2019–December 2023

Resource Partner
International Fund for Agricultural Development (IFAD)

Beneficiaries
Direct target group: Institutional partners (IFAD technical experts, IFAD country project management unit teams, ministry officials, UN agency experts, micro finance institutions, NGOs)
Indirect target group: Rural households and communities

ACTIVITIES

- Six introductory training sessions and one ToT was delivered, involving over 115 IFAD stakeholders across 57 countries.
- 20 direct beneficiaries have reported increased knowledge of GHG accounting following dedicated training sessions and the provision of post-workshop surveys.
- E-learning module created which has been accessed by more than 2 000 users by end-2023.
- 78 IFAD projects analysed using EX-ACT and 3 projects analysed with EX-ACT for Value Chains (EX-ACT VC).
- Development of a data-collection matrix to facilitate GHG analysis.
- Preparation of several reports tailored to IFAD's requirements, including a comprehensive report on the mitigation potential of IFAD's project portfolio, providing insights into cost-effectiveness at the activity level.



SUSTAINABLE DEVELOPMENT GOALS



Project Title

Mainstreaming Ex-Ante Greenhouse Gas Accounting into Investments in Agriculture and their Economic and Financial analysis

Project Code

FAO: GCP/GLO/958/IFA
Donor: 200002004

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