

# Survey on investments in agroforestry and carbon finance in East-Africa

[www.unique-landuse.de](http://www.unique-landuse.de)

In Kenya and Uganda deforestation and forest degradation is a wide spread phenomenon. Small-scale farmers use forests for wood fuel and timber and convert them for agricultural production. Farmers are stuck in old patterns of land use, subject to unpredictable weather conditions and decreasing soil fertility.

A private investor commissioned a feasibility study to determine whether carbon finance could be a leverage to enable smallholders in Africa to transition to sustainable agriculture. The study identified and developed project concepts to be supported by the private investor, including an outline of the business model, emission reduction potential, an illustration of the creative use of carbon finance, as well as environmental and social benefits. The study was conducted by UNIQUE in a consortium together with the University of Cambridge.

## **Country**

Various Africa

## **Duration**

03/2011 - 06/2011

## **Client**

Private Investor

## **Our contribution**

- Identification of potential project partners.
- Identification of project activities (REDD+, fruit tree afforestation, reforestation).
- Analysis of sustainable agricultural intensification to increase biomass and soil carbon sequestration.
- Analysis of innovative community-scale biogas systems.
- Assessment and modeling of project carbon benefits to evaluate project potential and economic viability.
- Economic analysis using UNIQUE's farm-level carbon and economic assessment tool.
- Preparation of 4 business cases including economic analysis.