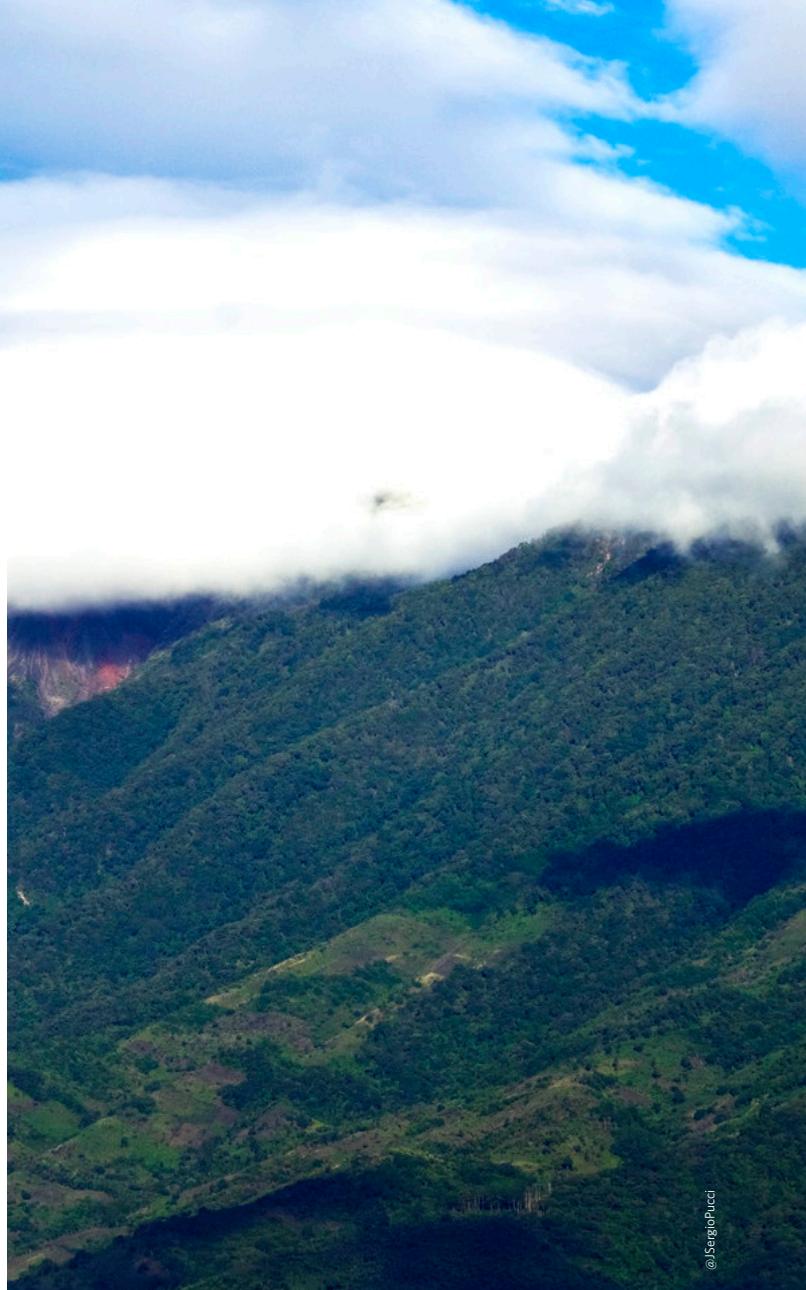




FUNDAECO

Agriculture and cattle ranching are key to Guatemala's economy and its population largely depends on these activities to cover their most basic needs. However, cattle ranching is highly vulnerable to climate change, as increasing temperatures and reduced precipitation are threatening the health of cattle and therefore its productivity. In turn, cattle ranching contributes to the degradation of natural resources and increases greenhouse gas emissions. Therefore, the intensification and technology transfer will strengthen livelihoods and contribute to the conservation of protected areas, a source of natural capital for the population of Guatemala.



© Sergio Pucci

THE SOLUTION

In coordination with its partner FUNDAECO, The Nature Conservancy (TNC) will increase rural productivity and effectiveness of the resources of the Western and Central Highlands of Guatemala and strengthen the resilience to climate change for people and nature.

OUR PARTNER

Fundación para el Ecodesarrollo y la Conservación (FUNDAECO) is a civil society organization that aims to create, manage and conserve protected areas in Guatemala. Among other efforts, FUNDAECO engages local communities living within protected areas and directly depending on their natural resources. FUNDAECO also supports their sustainable development and livelihoods in an effort to reduce the negative impacts and degradation of natural resources.

FUNDAECO manages and supports the conservation of over one million hectares and over 20 protected areas.

FUNDAECO has worked with TNC to incorporate cultural variables into the management and conservation of protected areas and other projects.

OUR APPROACH

The project will increase productivity of agriculture and cattle ranching in the Western and Central Highlands of Guatemala and reduce the vulnerability of the population to climate change through:

- 1 **Training farmers, technicians, government agencies and civil society organizations on sustainable landscapes and resilience to climate change.**
- 2 **Implementation of forest and soil conservation practices to secure provision of ecosystem services.**
- 3 **Implementation of sustainable cattle ranching practices, including livestock stabling and intensification to reduce the impact on ecosystems.**

THE PROJECT IN NUMBERS

 **PROJECT DURATION:** 18 months

 **IMPLEMENTATION AREA:** 2 municipalities

IMPACT AREA

26 ac with conservation measures **29 ac** sheepfolds
40 ac reforested
40 ac naturally regenerated **4.3 ac** of forage

IMPACTED POPULATION:

34 Trainers and farmers trained
1000 Indirect

IMPACTS ON THE GROUND

6 Government agencies trained **3** Local organizations trained

THE PROJECT SITE

- 1 *Municipality of San Juan Ixcay, Huehuetenango*
- 2 *Municipality of Todos Santos Cucumatan, Huehuetenango*

