



PROJECT REPORT

*GUATEMALA REGENERATIVE AGROFORESTRY
FOR COMMUNITIES 2022*

THANK YOU

Dear friend,

Thanks to your support, a total of 510,000 trees were planted to restore 660 hectares of land across 37 different communities throughout Izabal, Guatemala.

Planting trees in areas that have been degraded or deforested helps the environment by accelerating and assuring the re-establishment of healthy forests. Through reforestation, the canopy is restored, ecosystems are made whole, and biodiversity can thrive.

None of this would be possible without you. On behalf of everyone at One Tree Planted, thank you!

What follows is a report outlining the project you supported in Guatemala. I hope you enjoy reading it and truly feel the impact you have made.



Matt Hill

Chief Environmental Evangelist



WHAT WAS ACCOMPLISHED



510,000

TREES PLANTED

Over 50 species of fruit trees



660

HECTARES RESTORED



2,500

WOMEN INVOLVED



2,500

FAMILIES BENEFITED



10,000

WILDLIFE SPECIES BENEFITED

SITE FACTS:

- Izabal is one of the 22 departments of Guatemala. Its coastal areas form part of the homeland of the Garifuna people.
- The Izabal Department surrounds Lake Izabal, Guatemala's largest lake. From the area around Lake Izabal, the Department of Izabal stretches along the Río Dulce to the coast of the Caribbean Sea.

This project incentivizes the adoption of regenerative agroforestry systems. Rows of fruit trees were planted with legume trees in between. Then, in between the rows, annual crops are grown for shorter-term harvests. The community benefactors implement the soil conservation methods, planting the legumes, and mulching the fruit trees, directly benefiting the community and promoting economic growth in the area.



YOUR IMPACT

BIODIVERSITY BENEFITS

Considering the previous land use of slash and burn, chemical corn monocultures, transitioning to biodiverse organic agroforestry systems brings many ecological benefits, starting with erosion control, improved biodiversity, carbon sequestration, wildlife habitat restoration, water filtration and nutrient cycling. Birds, insects, reptiles and pollinators will primarily benefit from these systems. The project measured increases in plant biodiversity (325% increase from slash and burn to agroforestry), growth of organic soil horizons, and volume of soil accumulated.



COMMUNITY IMPACTS

While soil conservation is the primary mission, working with communities on their land is key to achieving it. Therefore, all communities are trained, educated and empowered to plant these agroforestry systems, and especially that these systems bring them economic benefits, which runs parallel to the project's mission. Besides the financial benefits, social benefits include increased food security for families, with diversified agroforestry systems providing far greater nutrition than corn monocultures. There's also the outreach and education element, teaching respect for nature, discouraging chemical use, training and employing local technicians, legal help to form local associations, and ultimately empowering locals to continue and expand this regenerative transition.







Malcolm Porteus Gonzalez
Project Manager
Latin America and the
Caribbean

"While the project hosts organized tours (where all benefactors from all communities come to our pilot site to train various themes like pruning, pest control, mulching), it has also created educational material. At each of these stages technicians are onsite doing the work with benefactors, ensuring that they are able to expand these methods in following seasons, that all community members are trained and all sites have the required methods implemented."

