



PROJECT REPORT

MONARCH BUTTERFLY

MEXICO 2022

THANK YOU

Dear friend,

Thanks to your support, a total of 400,000 trees were planted to restore 400 hectares of land in Cerro del Cacique, Michoacán.

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.

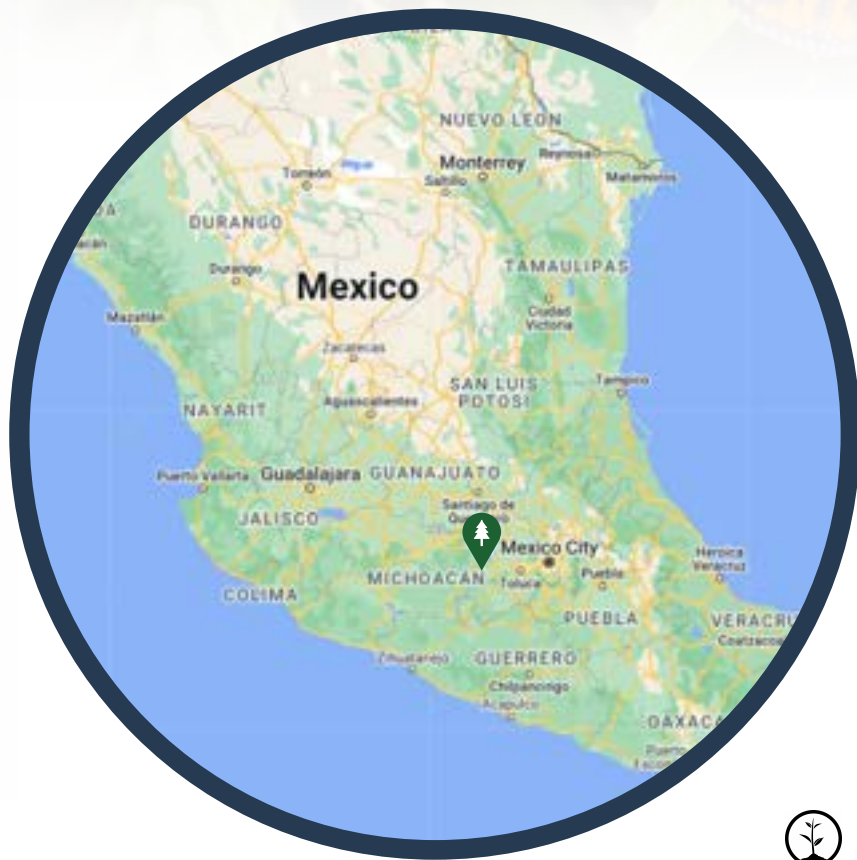
None of this would be possible without you. On behalf of everyone at One Tree Planted, thank you!

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



Matt Hill

Chief Environmental Evangelist



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THIS PROJECT IS LOOKING TO RESTORE THE HABITAT OF THE MONARCH BUTTERFLY BY PLANTING *ABIES RELIGIOSA*. THE BUTTERFLY'S HABITAT HAS BEEN SUFFERING ANTHROPOLOGICAL DEGRADATION FOR DECADES; THE MONARCH IS NOW LISTED AS AN OFFICIALLY ENDANGERED SPECIES. BY PLANTING THE TREES WITH THE SURROUNDING COMMUNITIES WE CAN RESTORE THIS ESSENTIAL NATURAL SITE, CREATE ADDITIONAL SPACES FOR LOCAL WILDLIFE AND MITIGATE THE EFFECTS OF LAMINAR EROSION."



OVERVIEW

The *Abies religiosa* (*Oyamel*) is the nesting site of the monarch butterfly. Currently, the trees only appear in small numbers and are being displaced further up the mountain. The reduction and displacement are caused by two main factors: overexploitation and climate change. The first one finds its origin in a familiar place: the human need for development and logging activities. When it comes to climate change, the species have a hard time in temperatures above 25 degrees Celsius, and with the continuous increments of average temperatures, the *Oyamel* has had to retreat further up the mountains in search of colder conditions. Planting *Abies religiosa* in efforts to recover its home, will help preserve the monarch butterfly's home and will also help protect water resources in the region.



SPECIES PLANTED

Abies religiosa
(*Oyamel*), and *Pinus pseudostrobus*
(*Smoothbark Mexican Pine*)





Click me!



COMMUNITY BENEFITS

The communities that inhabit this region (mainly the indigenous communities of San Juan Zitacuaro, Nicolás Romero, and the El Aguacate) depend on the well-being of the ecosystem for two main reasons: ecotourism and the protection of water resources.

Ecotourism provides the local communities income; by being a known nesting site for the monarch butterfly it receives visitors from all over the country and other parts of the world. If the habitat of the monarch gets displaced (or even worse disappears) so will the visitors that travel to witness the beautiful natural occurrence.

The communities' water resources are tightly connected to the vegetative cover of the area, springs are found over the region and are the main source of water. One of the neighboring mountains lost its vegetation and with it went its spring (Cerro Pelon only has 5 remaining springs). By planting the right species at the right time and place and ensuring they survive communities can safeguard their water. .



UN SUSTAINABLE DEVELOPMENT GOALS

THIS PROJECT CONTRIBUTED TOWARDS THESE SUSTAINABLE DEVELOPMENT GOALS



WHAT ARE SDG'S?

Sustainable development entails seeking out solutions that not only boost the economic outcomes of developing and poorer nations, but also working to limit (or eliminate) our impact on the planet. Trees are one such solution.

From creating jobs and reducing hunger to improving gender equality, cleaning air and water, absorbing carbon, protecting life on land and water, and more, planting trees in urban settings can address all 17 sustainable development goals.





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IN THE NAME OF NACION VERDE, I WANT TO DEEPLY THANK THE DONORS THAT MADE THIS PROJECT POSSIBLE. YOUR CONTRIBUTION HAS IMPACTED MANY LIVES AND HELPED IN THE RESTORATION OF THE HABITAT OF THE MONARCH BUTTERFLY. THANK YOU FOR HELPING US IMPLEMENT A TRULY SUSTAINABLE PROJECT IN A VULNERABLE PART OF OUR COUNTRY. THE PEOPLE WILL TAKE CARE OF THE FOREST IF THE FOREST TAKES CARE OF THE PEOPLE. THANK YOU."

DIEGO LEÓN – DIRECTOR OF OPERATIONS, NACION VERDE.





*Malcolm Porteus Gonzalez
Project Manager
Latin America &
Caribbean*

"Most of the families benefited are communal landowners and indigenous people. Families will benefit from forest eco-services and ecotourism attractions. Planting trees in Michoacán will protect, restore, and conserve the Monarch's forest and the whole ecosystem within. As the trees grow, they will improve soil and water conservation, store carbon, moderate local climate by providing shade, and improve the land's capacity to adapt to climate change."

