



Eden Reforestation Projects

PLANT TREES | SAVE LIVES

2019 ANNUAL REPORT





MISSION

Eden Reforestation Projects is a 501c3 non-profit whose mission is to provide fair wage employment to impoverished villagers as agents of global forest restoration. We hire the poorest of the poor to grow, plant, and guard to maturity native species forests on a massive scale. Our “Employ to Plant” methodology results in a multiplication of positive socio-economic and environmental measures.

VISION

In the next 20 years, our objective is to plant **ONE TRILLION TREES**, and in doing so, we will provide the dignity of employment to tens of thousands of people in countries where extreme poverty is rampant. While our primary goal is to lift people out of extreme poverty, we have also become a model for environmental restoration and land management. Eden is now one of the most cost-effective reforestation projects on the planet, and we will continue to keep our overhead costs low so we can continue to make a transformational impact for land and lives.



A MESSAGE FROM EDEN'S FOUNDER/CEO



Dr. Stephen Fitch

Reflecting Back, Looking Forward, and a Huge Big Hairy Audacious Goal

Reflecting on Eden’s launch date sparks a lot of fond memories along with some hard-learned lessons. Eden’s work began along the Udo Escarpment in Ethiopia on March 5th, 2005. On that day, we hired our first 32 villagers in Ethiopia to start producing, planting, and protecting native species trees generated within seedling nursery systems. During that first year, 330,000 trees were planted. In 2019, I’m pleased to report the combined planting production in Madagascar, Haiti, Nepal, Indonesia, and Mozambique exceeded an amazing 66,000,000 more trees:

Over the last 14 years, we’ve come to understand that Eden’s “Employ to Plant Methodology” has the proven capacity to provide a real-world solution to people desperately looking for a way out of extreme poverty, as regional healthy forest systems are restored. Also, massive amounts of CO² are sequestered, habitat is rebuilt for endangered species, water tables are refilled, and thousands of loving parents are able to afford an education for their children.

With proven systems in place and lessons learned, the worldwide Eden team is looking forward to exponential growth in the years to come. As we consider 2020, the combined Eden team will:

- Scale-up tree planting operations in each of Eden’s current project nations.
- Produce well over 120 million more trees - - in just one year.
- Fully launch large scale forest restoration operations in our newly opened project nation of Kenya.
- Enhance our agroforestry efforts within all of our project nations to ensure the villagers can enjoy a long-term sustainable future.
- Strengthen our socio-economic and environmental monitoring and verification systems.
- Open multiple project nations in Central America and begin tree planting operations.
- Explore the potential of opening Tanzania, Malawi, the Philippine Islands, and India by year’s end.
- Recruit scores of key international and national leaders who will accept responsibility for massive scale forest restoration projects.
- Train hundreds of local leaders to reproduce Eden’s large-scale forest restoration systems.

Eden’s Big Hairy Audacious Goals (BHAGs)

These days there’s a lot of talk about the need to plant ONE TRILLION TREES in the battle to mitigate climate change. The problem is there doesn’t seem to be any real plan to bring the goal to fruition – just words. Lately, quite a few of Eden’s donors have been asking, “Can Eden plant one trillion trees in the next 20 years?” As of Tuesday, February 11th 2020, the answer is, “We are working on a plan to do just that. Yes, it seems absurd, but as Albert Einstein famously said, “Only those who attempt the absurd can achieve the impossible.” In the months and years to come, you will hear more about Eden’s ramp up commitment to the One Trillion Tree Campaign. Please consider joining in on the quest to achieve the seemingly impossible.

TAKING DOWN A GIANT

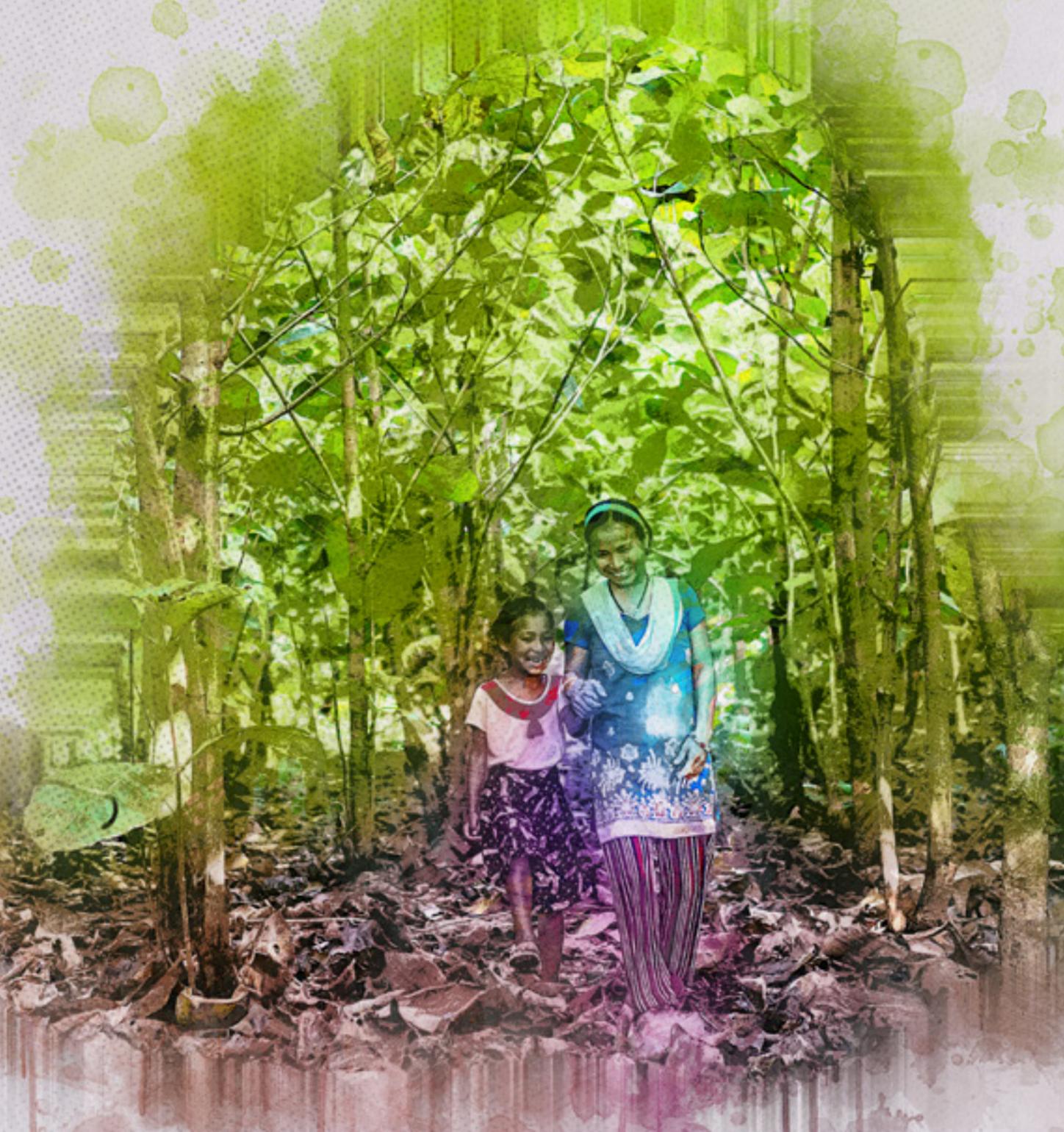
2019 was a breakthrough year for Eden Reforestation Projects. In only fifteen years, the organization went from non-existent to the largest tree-planting organization.

The story of David vs. Goliath is about how misfits knock over giants by changing the rules of engagement. In that story, David uses a stone to take down Goliath and uses Goliath's heavy artillery against him in battle.

This is a lot how Eden operates as we have taken the "stone" of poverty alleviation and are throwing it to tackle some of the most urgent issues facing our planet. By addressing poverty alleviation and empowering local communities as agents of environmental restoration, we are knocking down the giants of global deforestation, climate mitigation, women disempowerment, and species extinction. Thank you for your continued support. We hope you enjoy taking a look at the 2019 highlights from all our project nations.



NEPAL NEPAL NEPAL



EMPOWERING WOMEN IN NEPAL



Nepal is one of the poorest and least developed countries in the world, and the rural population in Nepal directly depends on their natural environment for food, shelter, and income. Balika Gurung and her family are among that population. Balika Gurung has three members in her family: her husband and her son. She is the sole provider for her family, as her husband is paralyzed. Before working with Eden Reforestation Projects, Balika Gurung worked as a laborer and had years of experience in agriculture. It was difficult for her and her family to sustain their livelihood. She could not even bear the expense of sending her son to school. In 2019, Balika Gurung became the Nursery Manager for Eden Reforestation Projects in Budhi Rapti. Now, she can afford her family's daily expenses and send her son to school. Balika Gurung is very thankful for Eden Reforestation Projects and wants to continue her journey on this project in the many years to come.



PLANTING SITES
18



TREES PLANTED
1,196,368*



NUMBER OF NURSERIES
18



EMPLOYEES
8,271**



MALE TO FEMALE NURSERY MANAGERS
6 : 12



MALE TO FEMALE EMPLOYEES
3,561 : 4,710

*Total includes 10% natural regeneration

**Number of full time and partial season employees

INDONESIA INDONESIA INDONESIA



RAPID EXPANSION IN INDONESIA



To plant hundreds of millions of additional trees each year, in 2019, Eden rapidly expanded operations in Indonesia. At the end of 2018, we had projects on two islands: Biak and Seram. Twelve months later, planting teams were operating and launching sites on six islands in West Papua, including Biak, Seram, Yapan, Numfoor, Nabire, and Padaido island. At the end of 2018, the team in Indonesia consisted of 63 village planters. Twelve months later, the number had increased to 325. The total tree planting production for 2018 was 1,672,403. By the end of 2019, the number grew to 3,144,521 more trees.



PLANTING SITES
6



TREES PLANTED
3,313,890



NUMBER OF NURSERIES
2



EMPLOYEES
251*



MALE TO FEMALE NURSERY MANAGERS
3 : 2



MALE TO FEMALE EMPLOYEES
119 : 132

*Number of full time and partial season employees

MOZAMBIQUE MOZAMBIQUE MOZAMBIQUE



TRAINING THE NEXT GENERATION



In 2019 the team in Mozambique increased their tree planting capacity ten times over! Increasing size meant hiring and training the next generation of leaders like Benjamin Amos Manguela. He is a twenty-one-year-old native of Maputo. He is the middle child of three siblings. His father died when he was a child, leaving his mother to be the only provider for the family. Benjamin finished high school, then began working on the Katembe site in November 2018 to help his mother with household expenses. Before joining Eden Reforestation Projects, Benjamin did not know anything about mangrove trees. Now, Benjamin understands that mangroves protect the land along the seacoast from erosion and serve as a habitat for marine animals. In addition to planting trees, Benjamin has a passion for photography and helps take site photos. In 2019, he began his training to become a leader for a site. His goal is to pursue higher education with the help of Eden Reforestation Projects.



PLANTING SITES

6



TREES PLANTED

3,739,248



EMPLOYEES

38*



**MALE TO FEMALE
EMPLOYEES**

21 : 17

*Number of full time and partial season employees

HAITI
HAITI
HAITI

POSITIVE IMPACT ON FAMILIES



Mercilia Demosthene began working for Eden Reforestation Projects in 2016 as part of the Singling Team in Balan, West Haiti. Mercilia Demosthene has three children that she cares for by herself, as her husband has passed away. Before Mercilia Demosthene was working with Eden Reforestation Projects, she practiced archaic agriculture on a small scale. Her agricultural efforts were not enough to meet her family's needs. She was suffering from the financial crisis and the country's high inflation rate. With the steady income she earns while working with Eden Reforestation Projects, she is able to take care of her children and pay for their education. Mercilia Demosthene is grateful for the positive impact Eden Reforestation Projects has on her life, her family, her colleagues, and the environment.



PLANTING SITES
4



TREES PLANTED
209,127



NUMBER OF NURSERIES
2



EMPLOYEES
32*



MALE TO FEMALE
EMPLOYEES
8 : 24

*Number of full time and partial season employees

MADAGASCAR MADAGASCAR MADAGASCAR



GENERATIONS OF IMPACT



Eden Reforestation Projects launched its Madagascar project sites in 2007 by restoring ecologically devastated mangrove estuaries in the northwest of the country. What began as primarily mangrove restoration and reforestation in 2007 grew to include a variety of native dry deciduous species in 2012. Maman'i Sisi was one of the first employees with Eden Reforestation Projects. At that time, she was a single mother to five children, and life was very difficult for her. In 2007, Maman'i Sisi and six other employees started restoration planting in Mahabana. The mangrove trees they planted have helped mitigate the effects of cyclones on the village and enabled the return of fish and shrimp to the area. With the consistent income she earned while working with Eden Reforestation Projects, she was able to care for and send her five children to school. Maman'i Sisi is pictured here with her daughter, who went to college and followed in her mother's footsteps by restoring and protecting mangrove trees with Eden Reforestation Projects.



PLANTING SITES
47



TREES PLANTED
57,837,472*



NUMBER OF NURSERIES
11



EMPLOYEES
1,363**



MALE TO FEMALE NURSERY MANAGERS
35 : 12



MALE TO FEMALE EMPLOYEES
374 : 989

*Total includes 10% natural regeneration

**Number of full time and partial season employees

KENYA
KENYA
KENYA



CONTINUED RESTORATION

In late 2019, Eden began the reforestation process in the beautiful country of Kenya in partnership with the Kijabe Forest Trust and the Sheldrick Wildlife Trust. By December, nursery construction had officially started in Kanaan. The team also began collecting seeds, building over 100 nursery beds, and turning water-bottles into planting pots.

Teams were hired, and the foundation for over 3,000,000 trees to be planted in 2020 began and enthusiasm for are great. We are of this large-scale generations to come.



to take shape. The need reforestation in Kenya excited to see the results reforestation effort for



BILLIONS OF TREES

SCALING FOR THE FUTURE...

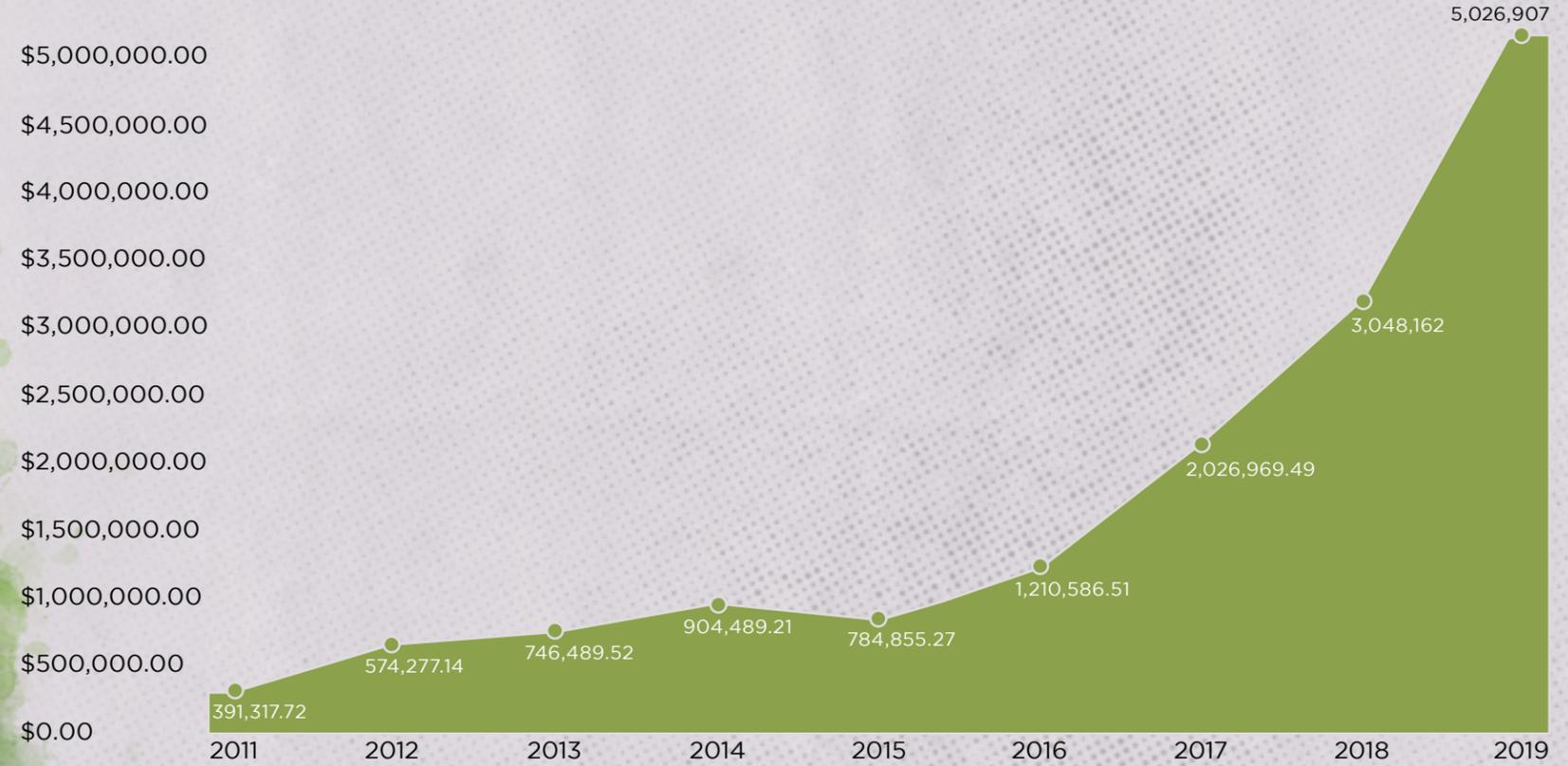
Studies show that planting trees is the the most cost-effective way to mitigate climate change. Trees also create prosperity within impoverished nations. Unfortunately, since the beginning of the industrial revolution, half of the world's trees have been cut down.

To address the urgent need, we continued expanding our work into new countries and began planting in different ways. In 2019 the work in Kenya was launched in partnership with the Kijabe Forest Trust and the David Sheldrick Wildlife Trust. We are not only expanding our work in Central America and other places around the world; we have also begun varying our planting methodologies on a large scale across all nations to change the rules of engagement in tackling the urgent issues of global deforestation, climate mitigation, women disempowerment, and species extinction.

To scale for growth, we tested and expanded the methods of planting done in all the project nations. These methods for planting producing, protecting, and restoring the environment include Singling, or Farmer-Managed Natural Regeneration (FMNR), Seed Ball Production and Planting, Seedling Nursery Production, Bare Root Transfer, Direct Seeding, and Mangrove Propagule Collection and Planting. This shift in the way we work now allows for planting year-round and will help to increase the number of trees planted exponentially.



EDEN REFORESTATION PROJECTS: FINANCIAL GROWTH



PROJECT NATIONS	TOTAL TREES
ETHIOPIA.....	12,533,000
HAITI.....	882,127
INDONESIA.....	5,168,533
MADAGASCAR.....	267,195,212
MOZAMBIQUE.....	4,089,608
NEPAL.....	4,476,621

GRAND TOTAL: TREES	
2005-2007.....	415,000
2008.....	2,750,000
2009.....	3,320,000
2010.....	9,015,000
2011.....	18,200,000
2012.....	17,363,000
2013.....	18,205,000
2014.....	17,420,000
2015.....	26,073,574
2016.....	27,388,000
2017.....	36,191,785
2018.....	51,707,638
2019.....	66,296,105
TOTAL.....	294,345,101

MILLION TREE PARTNERS

These partners have helped fund the planting of over 1,000,000 trees with Eden Reforestation Projects and are leading the way in the restoration of land and lives.



treesisters
women seeding change



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