



THE T.R.E.E. PROGRAM

A JOINT VENTURE OF SUSTAINABLE HARVEST INTERNATIONAL (SHI)
+ THE JUNGLE PROJECT (JUNGLE)

THE NEED

World Hunger/Malnutrition, Deforestation + Climate Crisis

In the face of environmental destruction and exploitation of farm workers, there is a need to revolutionize food supply chains by regenerating farm land, communities, and underutilized crops. Most of the world's 500 million smallholder farms are degrading the land through slash-and-burn farming or use of agrochemicals, decreasing biodiversity, and contributing significantly to climate change, while suffering from malnutrition and undermining their long-term ability to grow crops. Hunger has been on the rise again since 2015, with the majority of the 821 million hungry, including 49.5 million children suffering from acute malnutrition, living in rural areas.

Sustainable Development Goals

The T.R.E.E. program impacts most of the United Nations [Sustainable Development Goals](#), especially [Zero Hunger](#), [Responsible Consumption and Production](#), [Climate Action](#), and [Life on Land](#).

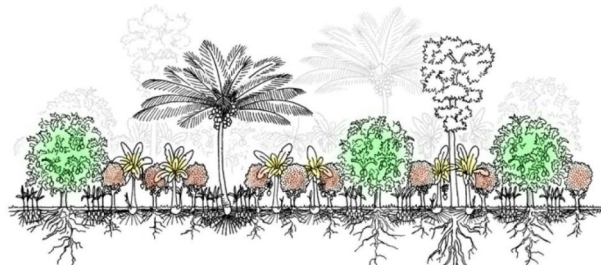


THE T.R.E.E. PROGRAM

The 'Tropical Regenerative Eco-agriculture Extension' (T.R.E.E.) program will provide ongoing, multi-year technical assistance to small-holder farmers on a variety of regenerative organic practices, with a core focus on breadfruit-centered agroforestry systems. **Breadfruit is like a giant potato that grows on trees, and one tree can feed a family of four for 75 years.** Multi-story cropping is a type of agroforestry that mimics the interdependence of a natural tropical rainforest, with long-lived trees like breadfruit that shade lower layers of fruit, nut, spice, and other crops, producing a diversity of food and income sources for farmers. Furthermore, agroforestry systems protect hillsides and watersheds from erosion and runoff, provide wildlife habitat, produce oxygen, and stabilize the climate.

The T.R.E.E. program is designed to leverage the combined experience of both social enterprises. With SHI's well documented success in nonprofit, agroecology training and Jungle's capacity to research, develop, and secure consistent, fair markets for underutilized agroforestry crops, the **T.R.E.E. program participants will learn to restore and maintain the ecological health of their farmland in ways that improve their nutrition and income.**

Our primary training focuses on agroecology practices, including multi-story cropping, integrated pest management, increased soil carbon, and erosion control. These themes will be complemented by improved harvest and postharvest practices and rigorous technical impact assessment, including social, CO² sequestration, and biodiversity indicators. Our **innovative approach** also encompasses development of farm production, value-added products, certification processes, collaborative enterprises, and markets, with the long-term goal of transforming the food system and its capacity to locally produce value-added commodities.



(Breadfruit Agroforestry Guide, C. Elevitch and D. Ragone, p.29)

THE T.R.E.E. THAT KEEPS GIVING

SCALE-UP TOWARDS FINANCIAL SUSTAINABILITY

The T.R.E.E. Project in Numbers

T.R.E.E. is seeking tax-deductible donations totaling **\$150,000** in initial costs to kick-start the program from October 2020 to June 2021. The annual program costs for 2021 through 2030 are anticipated to be \$2,000 per farm per year, with the **four-year program totaling \$8,000 per farm**. After year four, farms will earn an average of \$3,000 from sale of breadfruit, plus additional income from other crops. The T.R.E.E. program will start with 75 farmers in 2021 adding more farmers every other year to reach a thousand farms by 2030. This will play a significant role in SHI's scaling up goal to regenerate 8 million acres of land on a million farms, achieving food security for 5 million people.



Over time, much of the program cost initially covered by donations will come back to the T.R.E.E. program as a percentage of the Jungle brand's profits. After twenty years, at least 80% of the program cost will be recouped in this way allowing the program to become progressively less dependent on donations. **Eventually, it will pay for itself, while producing nutritious food and regenerating the planet. In this way, a gift to the T.R.E.E. Program is truly a gift that keeps on giving.**

INVESTMENT
\$150,000 start up funds
\$2,000 per farm/year program cost (\$8,000 for a 4-year program)

IMPACT
1,000 agroforestry farms by 2030
Breadfruit income of \$3,000/farm/year

SCALE-UP PARTNERS



Sustainable Harvest
INTERNATIONAL

Sustainable Harvest International (SHI)

Beginning in 1997, SHI's multi-year extension program has helped 3,000 low-income, rural families in Central America to adopt regenerative agriculture practices on 30,000 acres of land including the planting of 4 million trees. These actions have improved the diet, income and health of 15,000 family members, while also reversing the degradation of soils, protecting water sources, preserving natural ecosystems, increasing biodiversity and stabilizing the climate.

Learn more at www.sustainableharvest.org.



Jungle Project (Jungle) + the World of Breadfruit

Established in 2015, Jungle Project is a regenerative enterprise dedicated to Trees, Training and Trade. With a fierce focus on creating market demand for underutilized crop species, like breadfruit. Jungle works alongside smallholder farmers and creates traceable, value-added supply chains. Female empowerment is instrumental for the organization, with Jungle's staff at 50% female and 35% women farmer participation in its 4-year pilot training program in the Caribbean region of Costa Rica.

Learn more at www.jungleproject.com.