

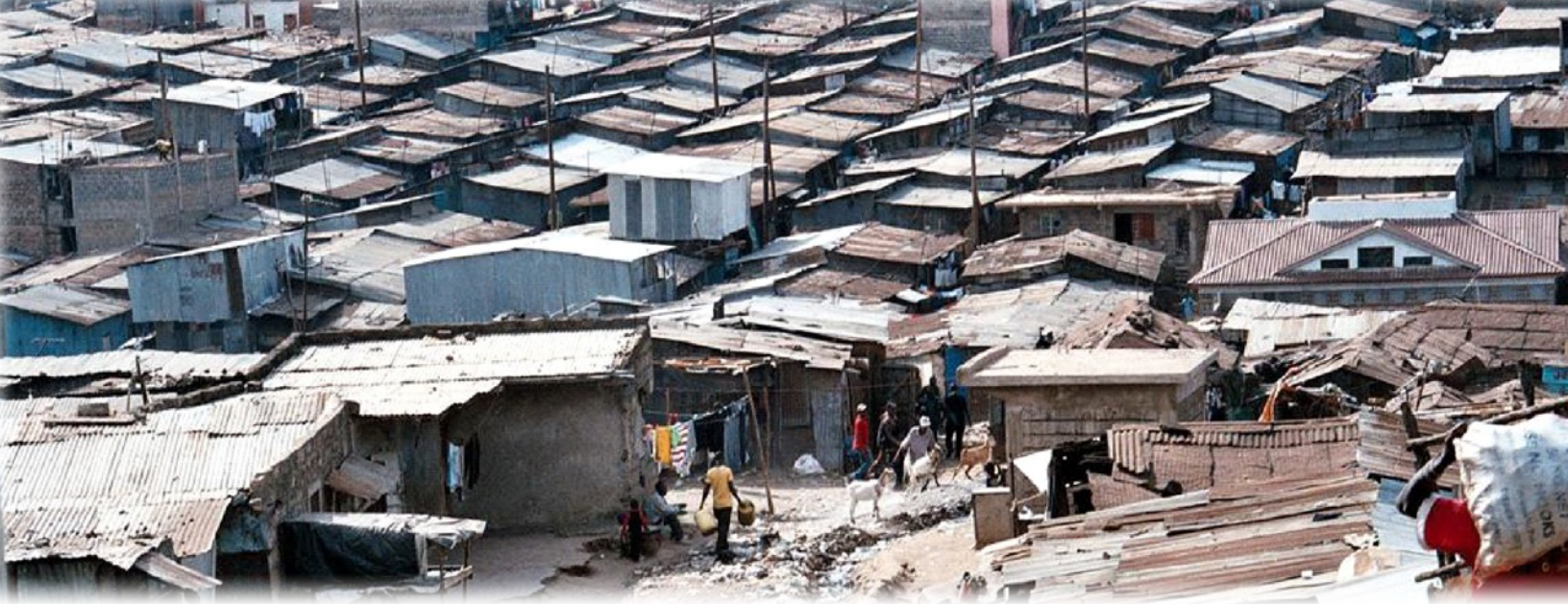


Sustainable Food Strategies for Refugees

Torpedopot™

Prepared by:
Darral Addison
Founder & CEO at Torpedopot™
(c) 1-215-290-9013
darral@torpedopot.com
www.Torpedopot.com
www.agriculturalblockchain.com

Your Organization



Torpedopot™ Partnership

"Your organization" has the power to change how we interact with refugees. Most people believe that refugees drain society of vital resources and harm the local economy. Torpedopot™ wants to partner with "Your organization", refugees, and the host countries. Torpedopot™ believes that if we were to work together towards a common purpose, it could develop into a very profitable partnership. Torpedopot™ is in the business of developing sustainable food strategies that generate new sources of revenues, full employment, agricultural independence, and food security. Torpedopot™ wants to enter into a global compact with "Your organization" to improve the international response to existing refugee situations. Our ultimate goal is to ensure that refugees and the people hosting them can live in harmony. Torpedopot wants to help refugees become more self-reliant by establishing a collaborative relationship with the host community. Food and water are the catalysts for developing a stable and prosperous society. What better way to achieve stability than through food production. With the right growing technologies, refugees can feed themselves and generate sustainable economic activity within the host community.

Torpedopot™ has established itself as the world's first fully automated indoor/outdoor modular growing system. Torpedopot™ intuitive inline watering design allows plants to grow faster, yield more density per square foot than any traditional or hydroponic gardening system available on the market. The system is ninety-eight percent efficient. Torpedopot™ can move water and nutrients through the system in a way that significantly lowers operating costs and provides substantially increased yields for an array of crops.

With Torpedopot™, refugees can feed themselves, generate commerce, and reduce poverty on a massive scale. We want to collaborate with refugee agencies and local agricultural segments to develop a strategic solution that will increase revenues, provide healthy food to everyone, create jobs and opportunities, boost morale, invigorate local businesses, promote biodiversity, and create hope





Sustainable food strategies

The second agricultural revolution is in our midst. The earth's capacity to grow food is rapidly diminishing. The effects of desertification, wind and water erosion, global warming, and displacements, are putting unprecedented demands on the food supply systems. These pressures are having devastating effects on our food reserves and our ability to develop sustainable food strategies. However, these challenges also provide exceptional opportunities for those who can access emerging food technologies.

Torpedopot™ is in the business of eliminating food deserts, feeding the world, and empowering its people. Torpedopot™ has achieved high levels of success at a local level by supplying hundreds of pounds of food to communities from its urban garden in the City of Philadelphia. Torpedopot™ will expand its efforts to include other cities as well as nations that are experiencing food insecurity challenges. Furthermore, Torpedopot™ will build strategic relationships with displaced communities around the globe. Torpedopot™ will aid disaster recovery relief organizations globally and help affected areas rebuild their food chains more quickly and effectively than ever before.

Torpedopot™ is in the business of economic sustainability. Developing small scale agriculture for refugees can be a significant source of employment, and with the necessary support, it can offer a sustainable and productive alternative to expensive large scale, capital intensive and labor displacing corporate farming. Torpedopot™ provides growing technologies to refugees to help them rebuild their lives. Torpedopot™ has developed a five-year plan that explains how to move refugees from being dependent on conditions that are out of their control to a position of economic prosperity. Thus, allowing them to become vital stakeholders in the new economy.





Five year plan

Year one: Assessment phase

The assessment phase consist of assessment, planning and pre-implementation. We conduct a rigorous assessment to ensure project outcomes.

- Requirements, architectural specifications, design,
- Communications with the hosting country, safety
- Business alliances and synergies
- Soil test, weather conditions, seasons
- Negotiate access to land, water, and seeds
- Negotiate market size, sustainability, agribusiness
- Address any legal requirements
- Determine scalability, profitability
- Define roles and responsibilities

Year three: Sustainability

The goal of sustainability is to ensure that we can reproduce the results of year two and to make changes in the process. Increasing types and availability of crops . Scale up operations and look into exporting opportunities. Every person involved in the food system—growers, food processors, distributors, retailers, consumers, and waste managers role is clearly defined.

- Develop a predictable model
- Ensure its practical, profitable and useful
- Develop a cookie cutter operation to be mimicked
- Ensure all materials can be sourced
- Determined if we can manufacture our own materials
- Determine the cost, risk and competitive advantage
- Determine if transformation will improve efficiencies

Year five: Market Driven

The food demand is expected to increase by 2050 by 70 to 100% in first world countries and by over 100% in third world countries. Internationally land use for farmable land is over 90% so this massive increase in food supply cannot happen in the conventional format. The food market is set to drastically increase in price between now and 2050 so that land and resources for sufficient food supply will be available.

- Exports
- Contract growing
 - Speed: Timely delivery to their distribution centers
 - Quality: Fresh and long shelf life
 - Reliability: Similar production quantity and quality per month every month of the year
 - Value: Fair price for produce with similar characteristics

Year two: Build phase

We'll order materials and execute contracts. This phase includes ensuring that plans for integrating into the host community have been tested and processes are in place. This is inclusive of any agreements about bartering, trading, and selling goods and services.

- Install growing equipment:
- Strengthen business synergies
- Train local personnel
- Reinforce responsibility and expectations
- Transportation and sales channels
- Security
- Develop procedures and provide training,

Year four: Social Stability

Determine if the plan has a positive impact on everyday people.

- Adolescents and youth education
- Jobs and livelihoods
- Health
- Food security and nutrition
- Good relations and peaceful coexistence
- Alleviate psycho-social problems
- Social and economic equity
- Eliminate sex exploitation woman and children

Why Partner With Torpedopot™

- It's highly scalable, and the most inexpensive mobile farming solution in the world.
- Allow growers to achieve payback periods of less than a year and can generate IRRs of between 50-100%.
- Torpedopot™ requires substantially lower up-front capital investments and can be grown inside and outside, at sites with polluted soil, non-arable land, on top of the sand in deserts, and in the middle of floodwaters.
- There is no wasted water, soil, fertilizer, and requires ninety-percent less space. Everything that flows into the pot gets absorbed by the plant's root systems resulting in stronger and faster-growing plants.
- Uses 95% less water per acre compared to traditional farming methods and hydroponics. Surface evaporation is virtually eliminated.
- It is a modular design that allows users to move plants a safe environment at the first sign of adverse weather conditions. Manages seeds and seedlings throughout their full lifecycle.
- The need to laser leveling, tilling the land multiple times per season, air injection seed planting, cultivating with large tractors over thousands of hours, and the cost to irrigate, and fertilize, are all virtually eliminated. It reduces dependency on gardening tools and agricultural equipment. You can grow more crops doing less work!
- Eliminate the billions of dollars in ecological damage occurring each year due to nitrogen runoff from farms. Torpedopot™ closed system ensures that runoff from farming does not happen.
- Soil plays host to a robust community of microbes, bacteria, and fungi. Hydroponics does not contribute to the environments bio-diversity because it does not use soil.

Immediate benefits

- Vertical Growing: Grows more plants than traditional farming, or hydroponics
- Fully Automated: Provides water and nutrients to nurture and feed your plants
- Mobile: Torpedopots™ is a garden lego kit that can scale into a large farm
- Capital investments: No tools are required, and setup is easy
- Growth: Consistent feeding allows plants to grow fuller and reach maturity quicker
- Organic: Grow crops organically using your mix of fertilizers
- Production: Grows more plants than any other growing application.
- Pest: Blocks entry from rodents and other pests.
- Germination: Germinates and manages plants throughout their full Lifecycle
- Maintenance: Requires less than four hours of monitoring per growing season
- Resources: Uses less water, land, fertilizers, fungicides, pesticides, herbicides
- Weeding: Virtually no weeding





Refugees comprise a complex mix of socioeconomic groups from various backgrounds. Feeding them is both a bottom-up and a top-down endeavor. It requires strategic planning, action, organizing and commitment in the form of social contracts from host countries, various agencies, as well as corporate and public backing through supportive policies, appropriate zoning, and incentives.

No program, policy, or planning can work without an understanding of the stakeholders involved in this complex social economy. Torpedopot™ wants to put a food strategy in place that will encourage commerce, promote business, and grow the economy. The approach must:

- (i) Give refugees the tools, training, and the social framework to grow food
- (ii) Build synergies with host communities and encourage trade and commerce
- (iii) Ensure the food strategy is sustainable
- (iv) Strive for social stability
- (vi) Ensure it is a market-driven initiative

Torpedopot™ believes that each stakeholder has the potential to play an integral role in developing a food strategy. This partnership approach is also in line with "Your organization"'s desire to provide plant-based nutrition. Torpedopot™ will provide expertise to promote economic opportunities, dignity, job creation, and entrepreneurship opportunities for refugees and host communities that empower women, young adults, older persons, and persons with disabilities.

Torpedopot will work in close cooperation with institutions, local communities, and civil society to strengthen refugee integration. When people are allowed to feed themselves not only are we giving them access to nutrition to reduce your risk of chronic diseases, but access to the education and the tools to develop the skills when they return home.

Websites

[Www.torpedopot.com](http://www.torpedopot.com)

To live in an advanced society, why is it when we think of gardening the first thing that comes to mind is a shovel, trowel and spade. Our approach to growing food needs to change.

[Www.agriculturalblockchain.com](http://www.agriculturalblockchain.com)

Agricultural Blockchain is a voluntary conscience effort to optimize the relationships between communities, technology, agriculture, health, and economics.

Video Clips

Agricultural Blockchain will become the

- **largest agriculture alliance in the world.**
- **Feed more people than any organized humanitarian effort in the history of the world**
- **Will help predict food shortages due to changing weather conditions.**

Torpedopot.

- **Grow more food than your local farm**
- **Hundreds of Youtube videos**

Articles

- **Watering Kills your Plants (pdf)Download**
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