

the US *Pyramid* Project



The US Pyramid Project is a US Domestic 501(c)3 Nonprofit Corporation

Dedicated to making Global Sustainability a Reality.

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Executive Summary

The Challenge. In the past 150 years, we've added 8 billion people to our planet—an 800 percent increase. This meant that infrastructure of the past needed to produce far more than what it traditionally did in order to sustain everyone. We developed fossil fueled machines to do the extra work, and the Industrial Revolution was born. Miraculously, we met the challenge and sustained the growth of our species. Now we are faced with the unintended consequences: overused freshwater resources, unsustainably high atmospheric CO2 levels, rising sea levels, extensive forest loss, increasingly toxic oceans, and social unrest at its apex on a global scale.

It is not unusual for innovation to have unintended consequences; in fact, any seasoned business person can tell you that it is to be expected. When you develop new technologies, it is impossible to predict all the consequences; measured assessments of its outcomes are possible only after a great deal of time has passed. We are now in that place where we can make real assessments about the Industrial Revolution, and adjustments are going to be needed. We don't need to abandon the Industrial Revolution technologies; rather, we need to mature them. This involves reorganizing our industrial practices and technologies to make them sustainable. In this document, the USPP puts forth concepts of such a reorganization, details how it can work and why, and reveals that the solutions to our problems are much more attainable than we all feared.

The Solution. The USPP produces three interconnected products designed to work together to address the challenges we are facing globally. The *EARTH System* solves physical sustainability issues, the Global Monument creates common ground for our divided society and the ECO Certification Course promotes the communication of those solutions. The *EARTH System* is a Geo Engineering template built around a new desalination Cube technology. We've planned a 3.14 million Cube *EARTH System* that can restore the Colorado River from the Morelos Dam to the Sea of Cortez. The site can be expanded to 1 billion Cubes, which could potentially produce enough water to fill Lake Mead every year and solve the water crisis in the Western United States. The *Global Monument* is a 3.14 million stone monument proposed to be built in the State of Nevada by 3.14 million ECO Course participants over the course of 40 years. The *ECO Certification Course* is a one-week all-inclusive corporate training where participants help build the *EARTH System* and the Global Monument.

The *EARTH System* is an ecologically friendly desalination system that can create a sustainable economy in less than 10 years for any small coastal city lying within the equatorial zone. *EARTH* is an acronym that stands for: 'Emissions sequestration – Aquifer equilibrium – Residential development – Tree restoration – Housing materials.' One *EARTH System* site location designed for 100,000 people will: produce 6-15 billion gallons of potable water per year, sequester 8 megatons of CO2/yr., produce a net profit of \$600 per CO2-tonne sequestered, generate a sustainable supply chain, increase annual rainfall, and generate ozone. Building an *EARTH System* for a City of a population of 100,000 residents is estimated to cost \$100 million over 20 years. The efficiency of the system is \$0.0027/gallon, making it one of the most practical desalination systems in the world. The *EARTH System* is designed to fit into a shrimp farming bed, use zero grid electricity, take less than a year to construct, produce a net profit after two years of operation, use common supply chain materials, require minimal maintenance, and easily connect to any water distribution utility.

The *Global Monument* is the proposed building of a complex of nine pyramids that represent the Solar System—one large pyramid representing the Sun and eight smaller pyramids representing the planets. The complex will contain 3.14 million stones; each stone will be quarried, shaped, and placed in the monument by an ECO Course participant. When finished, the Sun Pyramid—the largest in the complex—will be taller than the Great Pyramid in Egypt. The entire complex is designed to function as a sundial, with the Sun Pyramid eclipsing the eight smaller planet pyramids twice a year at the solstice. The entire cost of constructing the Global Monument Complex is embedded into the ECO Course cost, allowing us to slow down or speed up the project timeline to match the demand for the ECO Course Program. Our goal is to secure a building site location by the Fall of 2024, set up construction operations in the spring 2025 and commence base construction in the summer of 2025.

The ECO Certification Course is a one-week all-inclusive corporate training course that enables participants to tour and participate in building our EARTH System and Global Monument. ECO is an acronym for Ecological Co-efficiency Officer. The USPP forecasts that as our industries convert to sustainable ones, there will commonly come to exist a corporate officer position whose job is to oversee the sustainability of the entity's operations. The ECO Certification Course was designed to service this training need. Upon completion of the course, ECO participants will constitute a professional network of people exposed to modern new concepts of sustainability, will have participated in building the Global Monument and will have participated in solving the Western US water crisis. If that wasn't already enough value, the Course is also Tax Deductible. The USPP plans to execute 3,141,592 ECO Courses over 40 years and charge \$5,000.00 per training. This revenue amounts to over \$15 billion and covers over 99.9% of our lifetime project operational costs.

The Marketplace & Competition. Few organizations in the world offer comprehensive toolkits to achieve sustainability; the USPP is among the first to offer such products. The EARTH System is Geo Engineering template of sustainability designed for coastal cities in the equatorial zone. The Global Monument creates common ground in a world fraught with social unrest. The ECO Certification Course offers individuals the opportunity to do their part to mitigate climate change in the space of one week and is priced the same as a one-week vacation. These three products offer a comprehensive solution to our biggest problems in the world today.

Our Expectations. The first EARTH System is proposed to be built and demonstrated in the summer of 2025. The first engagement with ECO Course participants and the first stones of the Global Monument will be placed in summer 2026. Our demonstration site will be connected to its first town and the Summer of 2026. Starting in the Fall of 2026, we will begin assisting coastal cities worldwide in adopting the EARTH System. The USPP plans to license proprietary EARTH System technology to established global manufacturing and distributing partners in order to accomplish our ambitious market adoption goals. Our goal is to have 5,000 coastal cities employing or developing an EARTH System by 2050; a number the USPP believes could stop the advance of climate change.

Leadership. I meditate daily on how this planet has given me life, and it is my deepest pleasure to spend my days trying to give life back to it. It is my goal in life to change perceptions surrounding climate change from being a 'stressful chore' to a great opportunity to regain an appreciation for life and for each other. The USPP offers a platform and an opportunity to act for those wishing to address climate change in a more meaningful and effective way.

Crystal Newton

USPP Founder, Director & CEO

EARTH System Designer & Lead Engineer

ECO Certification Course Creator

Cube System Inventor & Patent Holder

USPP Intellectual Property Owner

Crystal is a Business Strategist who operates within highly regulated and emerging industry spaces for over 20 years. During the last five years, she started many successful businesses of her own, with the most recent business (2018) receiving a valuation of \$100 million just 5 months after launching it (Omega Hemp Company). In 2019, Crystal began working on developing the US Pyramid Project. At the end of 2020, Crystal officially filed with the State of Nevada to open the US Pyramid Project Nonprofit. Crystal grew up in Gig Harbor, WA and moved her businesses to Nevada in 2017. She has had a home in Northern Nevada since 2018.

Project Timeline: 2024-2066

Of all the novel concepts introduced to the Marketplace with this Project, perhaps the most critical component to pay attention to is our timeline. Every aspect of our Project - from the Global Monument construction to our Water System development - is designed to be executed on any timeline. This means that if we sell less of our product than we expected, our operations are not adversely affected. In theory, our project could last 100, 200 or even 1,000 years; we simply slow down operations to match yearly product sales. Our timeline flexibility gives us strong insulation against project failure. Even a pause of a couple years in operations will not affect the project's viability to move forward; we just pick up where we left off. Virtually no business that exists today can make this claim and we are proud to have endeavored to produce a project that can assert such a claim. ***Our Project is broken down into 10 phases that each have a unique operational feature being achieved. Overall, however, the Project can be thought of in three distinctive Phases. Those Phases are:***

1. Initial Investment: 2024 - 2025

- a. Seed Capital: \$1 million Raised
- b. 2024- Project Partnerships
- c. 2024- Water Site & Pyramid Site Property Acquisition
- d. 2025- Water Site Demonstration & Pyramid Site Campground Developed for Blasting Vacations

2. Demonstration: 2025 - 2026

- a. 2025- Pyramid Base Constructed by 1,618 Blasting Vacations
- b. 2026- Pyramid Campground Continual Expansion
- c. 2026- Water Site Connected to First Town
- d. 2026- ECO Course Certification Courses Begin
- e. 2025- Tree Farming & Salt Brink Infrastructure Prepared
- f. 2026- Tree Farming & Salt Brick Manufacturing Begins

3. Execution: 2027 - 2066

- a. Pyramid Construction through ECO Course Certifications
- b. Continual Water Site Expansion up to 1 billion Cubes
- c. Individual Cube Sales Begin
- d. Water System IP Sales Begin, Pipeline Construction to
- e. 2027- Morelos Dam Pipeline Permitting & Pipeline Construction
- f. 2030- Morelos Dam Pipeline Operational
- g. 2031- Lake Mead Pipeline Extension Begins
- h. 2032- Water Delivery Income Begins

10- Phase Project Timeline Breakdown

| | | |
|--|--------------------------|--|
| Phase 1: Seed Capital | 09/2024 - 12/2024 | Nevada Property Commitment Mexico Property Commitment |
| Phase 2: Water Site Development Pyramid Site Development | 12/2024 - 04/2025 | Pyramid Engineering Plans Campground Developed Water Site Developed Website & App Development Blasting Vacation sales begin Granite Mine Identified |
| Phase 3: Blasting Vacations Water System Demonstrated | 05/2025 - 10/2025 | 1,618 Blasting Vacations begin 1,618 Cubes Installed Granite Mine Prepared Acquire Additional Shrimp Beds |
| Phase 4: Prepare Water Site for Operation Pyramid Site Development Additional Mexico Shrimp Beds | 11/2025 - 04/2026 | Tree Planting Preparation Salt Brick Set Up Cont. Cube Expansion Cont. Campground Expansion Acquire additional Shrimp Beds Stone Vacation Sales Begin Granite Mine Operational |

| | | |
|--|--------------------------|---|
| Phase 5: Stone Vacations Begin Water System Operational | 05/2026 - 10/2026 | Stone Vacations Begin Tree Planting Begins Salt Brick Oven Operational Cube System Operational |
| Phase 6: External Cube Sales | 11/2026 - 04/2027 | Water Pipeline to local Town Expand Water System Stone Sales Continued |
| Phase 7: Water System Connected to Town | 05/2027 - 10/2027 | Water Pipeline Active to Town Additional Mexico Shrimp Beds Stone Vacations Continued |
| Phase 8: Cube System IP sales to Cities | 11/2027 - 04/2028 | Cube System IP Sold Globally Continued Expansion at all Sites Pipeline to Mexicali Planned |
| Phase 9: Water Pipelines | 05/2028 - 04/2055 | Arizona & Salton Sea. Pipelines Mexico Coastline Pipeline |
| Phase 10: Lake Mead Pipeline | 05/2055 - 10/2066 | Pyramid Completed Water Pipeline to Lake Mead Colorado River Restored |

Revenue

The USPP has many Revenue verticals planned to execute its myriad goals. Those verticals are: the Blasting Vacation (**\$8 million**), the ECO Course Certification (**\$16 Billion**), Individual Cube Sales (**\$300 Billion**), Water System IP Sales (**\$5 Billion**) & Pipeline Profits (**\$1.5 Billion per year**).

To start, we are raising **\$1 million in Seed Capital**. This sum will cover the development costs of the Pyramid site and the Water System site. Our goal is to obtain this investment by December 2024 and launch the blasting vacation in January 2025. Blasting Vacations will raise nearly \$8 million dollars and cover the cost of building the Pyramid Base and building our first Water System. Those Vacations will take place in Northern Nevada in the Summer of 2025. Upon completion of the building of the base of the Pyramid, ECO Course Sales may begin. We plan to begin ECO Courses in the Summer of 2026 and that takes place in Nevada, Arizona & Mexico.

To build the Pyramid and to build a Water System big enough to restore the Colorado River up to the Morelos Dam, it will cost nearly **\$16 Billion**. To raise those funds we created two products: the Blasting Vacation and the ECO Course Certification. Each product is an all inclusive vacation where participants get to help build our Pyramid and Water System. We plan to sell **\$8 million** in Blasting Vacations to cover the costs of developing the Pyramid and Water Sites. We plan to sell nearly **\$16 Billion** worth of ECO Courses over 40 years to pay for the completion of the Pyramid and a Water System that can restore the Colorado River up to the Morelos Dam. The best part of these products is that the business model does not fail if the sales slow down- the timeline simply extends.

To restore the Colorado River up to the Morelos Dam, we will be installing a little over 3 Million Cubes. The site where we are locating our Water System has the capacity to house over 1 Billion Cubes. There is a tremendous amount of room for the site to be expanded to potentially produce enough water to pipe as far north as Lake Mead. That would be the ultimate goal for us to achieve because Lake Mead is the ultimate redistribution point for the Colorado River. Stocking water here will allow Colorado River allotments to be redistributed North while adding to the water supply heading South. The USPP will make commercially available the ability for individuals to purchase a Cube to be placed in our Water System. We plan to sell those Cubes for \$300; that covers the cost of manufacturing and installing the Cube. Since we could potentially install up to 1 Billion Cubes, the Revenue potential for this market is **\$300 Billion**.

If we are able to build out the water facility to 1 Billion Cubes, the system would produce up to 5 trillion gallons of potable water per year. It is the USPPs intention to build a water pipeline past the Morelos Dam with an end goal of reaching Lake Mead. This pipeline would enable us to sell water to cities along the way to Lake Mead, or, dedicate all of our water production to be delivered to Lake Mead. Either way, the water deficits could get rebalanced where needed, for all regions dependent on the Colorado River. We are able to produce water for \$0.0027 per gallon and intend to deliver the water for \$0.003 per gallon. This leaves a \$0.0003 profit to the USPP. At a production rate of 5 trillion gallons, the USPP would generate an additional **\$1.5 Billion** per year in revenue.

The Water System site location will be directly administered by the USPP. It is a goal of the USPP to export this water system IP to 5,000 other locations by 2050. We estimate 100,000 Cubes will be sold within the average system. The USPP collects \$10 in Royalties for each Cube sale, amounting to an additional Revenue of **\$5 Billion**.

Revenue Summary:

2025 - 2066

| | | |
|---|---|--|
| Seed Capital | \$1,000,000.00 | 2024 |
| Blasting Vacations | \$7,894,552.00 | 2025 |
| ECO Course -Stone Placement -Cube Placement | \$15,871,032,509.00 | 2026 - 2066 \$396.8 million/year for 40 years 3,141,592 Participants x \$5,000 per Participant |
| Sponsored Individual Cube Sales \$10 Billion..... \$25 Billion..... \$10 Billion..... \$5 Billion..... | \$300 Billion \$10 Billion..... \$25 Billion..... \$10 Billion..... \$5 Billion..... | 2027 - 2066 Public Price: \$300/ Cube x 1 Billion Cubes \$10 Admin Fee to USPP in each Cube sale \$25 Referrer / Coupon Code Sales \$10 Patent Royalty \$5 Marketing Partner |
| Water Pipeline Revenue | \$1.5 Billion / year | 2050 - 2066 *\$0.0003 per gallon delivered profit. 5 Trillion Gallons delivered/year is \$1.5 Billion/year. |
| EARTH System Sales | \$5 Billion | 2028 - 2050 \$250 per cube cost to Cities Sold through Distributor \$10 per Cube Royalty to USPP Goal: 5,000 cities x 100,000 Cube Systems |

Seed Capital:**\$1,000,000.00**

| | | |
|---|--|---------------------|
| Sonora Property 1 | \$10,000 per month for 6 months. After 6 months, payments are paid through Blasting Vacation and ECO Course sales. | \$60,000.00 |
| USPP Administration (2 people) | \$10,000 per month for 6 months. After 6 months, payments are paid through Blasting Vacation and ECO Course sales. | \$60,000.00 |
| Office Space, Utilities | \$2,000 deposit + \$4,000/month for 8 months including internet, trash, electricity, heat. After 8 months, payments are paid through Blasting Vacation and ECO Course sales. | \$34,000.00 |
| Office Furniture | Desks, Laptops, Office Supplies, Furniture | \$8,000.00 |
| Website & App Development | Tool Website for online ordering | \$25,000.00 |
| Solar Array- Campsite | Start of Solar Panel System at Campsite | \$60,000.00 |
| Campsite | Tents, Showers, Dining, Cots, Lighting, Electrical, Water | \$150,000.00 |
| Insurance | \$1,000 per month | \$12,000.00 |
| Refrigerator Unit | Unit, remodel | \$30,000.00 |
| Video Marketing | Website design Contractor | \$20,000.00 |
| Car Purchase, Insurance & Travel | \$86,000 + \$2,000/month | \$110,000.00 |
| Pyramid Engineering Plans | Deposit | \$20,000.00 |
| Geologist | Pyramid Location Discovery | \$10,000.00 |

| | | |
|--|--|-----------------------|
| Sonora Property 1 | \$10,000 per month for 6 months. After 6 months, payments are paid through Blasting Vacation and ECO Course sales. | \$60,000.00 |
| Granite Mine Acquisition | These funds are used to identify a suitable mine and to submit initial application with Granite Mining Partner. | \$10,000.00 |
| Attorney | Contracted Attorney out of Nevada \$10,000 Contracted Attorney out of Yuma \$10,000 | \$20,000.00 |
| Accountant | \$1000/month for 6 months. Contracted Accountant out of Nevada. | \$6,000.00 |
| ATVs | 5 ATVs, Fuel Tank, Insurance | \$110,000.00 |
| Port-O-Potties & Water Delivery | \$1000/month until Vacations | \$5,000.00 |
| Compaction Study | Contractor from Nevada for Pyramid Building Site | \$10,000.00 |
| Mexico Site Development | Cargo Containers, Molding Equipment, Supplies, Dirt Work, Solar Panels, Labor, Sandbags, Pumps, Port-O-Potties, local office set up | \$240,000.00 |
| Billboard Marketing | 8 months @ \$5,000 per month. After 8 months, the remaining contracted 4 months will come from Blasting Vacation and ECO Course sales. | \$40,000.00 |
| | | |
| TOTAL | | \$1,000,000.00 |

Blasting Vacations

1,618 Vacation Packages, \$7,894,552.00 Revenue

| Item | Description | Cost Break Down | Cost per Participant | Total Spent |
|--|---|--|----------------------|---------------------|
| | | | | |
| Blasting Team Leader | 1 Blasting Professional per 20 attendees | \$1,000 per day, 2 days: \$2,000 per 20 people | \$100.00 | \$161,800.00 |
| Food Service Organizer | 1 Person for 100 people | 40 hrs. per week, \$1,700/week including taxes/benefits, 20 weeks | \$17.00 | \$27,506.00 |
| Campsite Team Leader | 1 Team Leader per 10 attendees | 40 hrs. per week, \$1,700/week including taxes/benefits | \$170.00 | \$275,060.00 |
| EMT | 1 EMT Professional per 100 guests | \$1000 per day, 2 days, \$2000 | \$20.00 | \$32,360.00 |
| Travel Sales & Coordinators | 3 Travel Coordinators Summer/Sales year round | 3 Salary + Commission @ \$50,000/yr. include taxes & benefits / 1,618 Blasting Vacations | \$93.00 | \$150,474.00 |
| Website Maintenance | 1 Web professional | \$1,000/month, 12 months/ 1,618 participants | \$8.00 | \$12,944.00 |
| Participant Lunches | Food, Drink, Delivery | \$15 per Lunch, 3 Lunches | \$45.00 | \$72,810.00 |
| Participant Dinners | Food, Drink, Beer/Wine, Desert, Delivery | \$30 per Dinner, 3 Dinners | \$90.00 | \$145,620.00 |
| Participant Breakfast | Food, Drink, Coffee | \$15 per Breakfast, 3 Breakfasts | \$45.00 | \$72,810.00 |
| Participant Snacks | Snacks & Drinks | \$10 per Snack, 4 Snacks | \$40.00 | \$64,720.00 |

| | | | | |
|--|---|--|----------|-----------------------|
| Port-O-Potties & Water Delivery | 10 Port-O-Potties serviced once a week, 4 Port-O-Potties services once a month | 32 weeks off season is 125/week, 20 weeks summer is \$1000/week | \$15.00 | \$24,000.00 |
| 30 ATVs | 1 ATV per 4 people, 5 ATV spare, 5 ATV staff (35 units total) - 5 units purchased at seed capital | \$20,000 per unit including tax & delivery + \$5000 fuel/insurance | \$464.00 | \$750,000.00 |
| Campsite Development | Maintenance & Improvements | Solar, Dining, Water Infrastructure, etc. | \$300.00 | \$485,400.00 |
| Solar Expansion | Continual expansion of the Solar Array | Reliant on spot price | \$100.00 | \$161,800.00 |
| Granite Mine Development | Acquire, Permit, Stone Cutting Materials & Equipment | To be supplemented with ECO Course in 2026 | \$611.00 | \$988,598.00 |
| Trees & Pipeline Investment | Funds set aside for tree infrastructure | Prepare for growing in 2026 | \$100.00 | \$161,800.00 |
| Pipeline Investment | Funds to be set aside for pipeline infrastructure | Prepare for first pipeline in 2026 | \$100.00 | \$161,800.00 |
| Blasting Materials | | Reliant on spot price | \$800.00 | \$1,294,400.00 |
| Insurance | Insurance cost per participant | General Liability, Bodily Harm \$1 million/participant | \$40.00 | \$64,720.00 |
| USPP Office-Eureka Site | Onsite Construction Office | Office Unit, Site Development, Septic, Solar, Utilities | \$100.00 | \$161,800.00 |
| Cube | Cube manufactured & installed | Includes \$50 to contribute to site expansion | \$300.00 | \$485,400.00 |
| Participant Safety Equipment | 200 sets of various sized Safety Equipment | Coveralls, Glasses, Hard Hats, Helmets, \$300 each set | \$37.00 | \$60,000.00 |

| | | | | |
|---|--|---|-------------------|-----------------------|
| Billboard marketing | \$5,000 per month for six months | First 6 months covered by Seed Capital | \$19.00 | \$30,000.00 |
| USPP Admin Staff | 3 Admin Staff, \$48,000 per year salary | including taxes & benefits + Commission | \$89.00 | \$144,000.00 |
| Marketing Commission(s) | Corporate Sales, Coupon Codes, Commissions | \$1000 'off List' Coupon Code, \$300 Commission to CC Owner | \$300.00 | \$485,400.00 |
| Digital Marketing | YouTube, Facebook, Social Media | | \$25.00 | \$40,450.00 |
| Marketing Partners | | \$5 per ECO Course sale: MP1, MP2, MP3, MP4 & MP5 | \$25.00 | \$40,450.00 |
| Attorney & Account | Accountant is \$6,000 for six months | Attorney retainer \$10,000 | \$10.00 | \$16,180.00 |
| Stone Sanding | Equipment, Semi Transportation | First Granite cuts analyzed & retooled | \$618.00 | \$1,000,000.00 |
| Pyramid Engineering Plans | Finalized Pyramid Engineering Plans | \$181,800.00 - \$20,000 from Seed Capital | \$100.00 | \$161,800.00 |
| Sonora Property 1 Lease Payments | Includes Taxes & Insurance | \$10,000 per month | \$194.00 | \$120,000.00 |
| Miscellaneous | Unforeseen Costs | Unforeseen Costs | \$25.00 | \$40,450.00 |
| | | | | |
| TOTAL | | | \$5,000.00 | \$7,894,552.00 |

ECO Course Cost Breakdown

2026 - 2066: \$15.87 Billion Gross Revenue

3,141,592 Participants

Public List Price: \$6,000 , \$1,000 off Coupon Code Price: \$5,000

Corporate Price (<100) : \$4,800; Corporate Price (>1,000) : \$4,600

| Item | Description | Cost Break Down | Cost per Participant | Project Life Cost |
|--|--|--|----------------------|-----------------------------|
| | | | | x 3,141,592 Participants |
| Quarry Team Leader | 1 Quarry Professional per 20 attendees | \$1,000 per day, 2 days: \$2,000 per 20 people | \$100.00 | \$314,159,200.00 |
| Food Service Organizer | 1 Person for 100 people | 30 hrs. per week, \$1,134 per week including taxes & benefits for 30 weeks | \$17.00 | \$53,407,064.00 |
| Campsite Team Leader | 1 Team Leader per 10 attendees | 40 hrs. per week, \$1,700 per week including taxes/benefits | \$170.00 | \$534,072,000.00 |
| EMT | 1 EMT Professional per 100 guests | \$1000 per day, 2 days, \$2000 total | \$20.00 | \$62,831,840.00 |
| Travel Sales & Coordinators | 30 Travel Coordinators Summer/Sales year-round | 30 Salary + Commission @ \$50,000/yr. including taxes & benefits | \$19.00 | \$59,690,400.00 |
| Website Maintenance | 3 Web professionals/ IT | \$12,000/month, 12 months | \$0.55 | \$5,760,000.00 |
| Participant Lunches | Food, Drink, Delivery | \$15 per Lunch, 6 Lunches | \$90.00 | \$282,743,280.00 |

| | | | | |
|--|--|--|------------|---------------------------|
| Participant Dinners | Food, Drink, Beer/Wine, Desert, Delivery | \$30 per Dinner, 6 Dinners | \$180.00 | \$565,486,560.00 |
| Participant Breakfast | Food, Drink, Coffee | \$15 per Breakfast, 6 Breakfasts | \$90.00 | \$282,743,280.00 |
| Participant Snacks | Snacks & Drinks | \$10 per Snack, 6 Snacks | \$60.00 | \$188,495,520.00 |
| Port-O-Potties & Water Delivery | 1 Port-O-Potty per 20 participants | 130 Port O Potties serviced 1/week = \$10,000 per week | \$3.82 | \$12,000,000.00 |
| 818 ATVs | 1 ATV per 4 people + 25% Maintenance, Replacement + Staff ATVs | \$20,000 per unit including tax & delivery + \$5000 fuel/insurance | \$6.51 | \$20,450,000.00 |
| Campsite Development | Maintenance & Improvements | Solar, Dining, Water Infrastructure, etc. | \$63.64 | \$200,000,000.00 |
| Solar Expansion | Continual expansion of the Solar Array | <i>(Intentionally left blank)</i> | \$12.73 | \$40,000,000.00 |
| Granite Mine Maintenance | Equipment & Maintenance of Quarry | Trucks, Bits, Explosive, Roads | \$318.23 | \$999,748,822.00 |
| Tree Planting | Funds set aside for tree infrastructure | Plant 10 trees, maintain for 8 years | \$100.00 | \$314,159,200.00 |
| Pipeline Investment | Funds to be set aside for pipeline infrastructure | Money Invested into Pipelines | \$100.00 | \$314,159,200.00 |
| Stone Sanding | Quarry, Sanding, Placement | Engineer Estimates \$3-\$4 billion total quarry & placement cost | \$1,150.00 | \$3,613,760,000.00 |
| Insurance | Insurance cost per participant | General Liability, Bodily Harm \$1 mm/participant | \$50.00 | \$314,159,200.00 |
| USPP Offices-Elko | Sales, Team Leader & Administration | 30-40 offices + Utilities = \$100,000 per month | \$15.28 | \$48,000,000.00 |

| | | | | |
|---------------------------------------|--|--|----------|---------------------------|
| Cube | Cube Manufactured & Installed | Includes \$50 to contribute to site expansion | \$300.00 | \$942,477,600.00 |
| Participant Safety Equipment | 4000 sets of various sized Safety Equipment per year | Coveralls, Glasses, Hard Hats, Helmets: \$300/set | \$15.28 | \$48,000,000.00 |
| Billboard marketing | 200 Billboards in NV, UT, CA, OR, WA, ID, WY, AZ, NM, MT | \$500 per month each, \$100,000 per month | \$15.28 | \$48,000,000.00 |
| USPP Admin Staff | 8 USPP Administration Professionals | \$180,000.00 including taxes & benefits + Commission | \$18.34 | \$57,600,000.00 |
| Marketing Commission(s) | Corporate Sales, Coupon Codes, Commissions | Variable costs | \$500.00 | \$1,570,796,000.00 |
| Digital & Print Marketing | YouTube, Facebook, Social Media, Mailers | Variable costs | \$50.00 | \$157,080,000.00 |
| Royalties | | \$5/ECO Course sold: MP1, MP2, MP3, MP4 & MP5 | \$25.00 | \$78,539,800.00 |
| Attorney | Outsourced Attorneys | Estimated Annual cost to be \$1,000,000 | \$12.74 | \$40,000,000.00 |
| Accountant | 3 Accountants | \$180,000 per year salary including taxes & benefits | \$6.87 | \$21,600,000.00 |
| Pyramid Engineering Firm | Engineering Oversight | Estimated Annual cost to be \$500,000 per year | \$6.36 | \$20,000,000.00 |
| Sonora Property Lease Payments | Includes Taxes & Insurance | \$100,000 per month | \$15.28 | \$48,000,000.00 |
| Sonora Property Expansion | Solar, Beds, Maintenance, Cargo, Salt | \$25,000,000.00 per year | \$318.00 | \$1,000,000,000.00 |
| T-Shirt & Swag Bag | Participant T Shirt & Swag Bag | | \$80.00 | \$251,327,360.00 |

| | | | | |
|------------------------------------|--|---|-------------------|----------------------------|
| Doterra Oils Essentials Kit | 3 Piece Biblical Oil Set | | \$80.00 | \$251,327,360.00 |
| Miscellaneous | Unforeseen Costs | | \$100.00 | \$314,159,200.00 |
| Transportation 1 | Shuttle from Yuma Airport to Yuma Hotel | | \$20.00 | \$62,831,840.00 |
| Yuma Hotel | Two Nights in Yuma | \$150 per night per participant | \$300.00 | \$942,477,600.00 |
| Transportation 2 | Bus from Yuma Hotel to Water Site & Back | 14-hour day, \$6,000 rental fee per day per 40 participants | \$150.00 | \$471,238,800.00 |
| Transportation 3 | Shuttle from Yuma Hotel to Yuma Airport | | \$20.00 | \$62,831,840.00 |
| Transportation 4 | Flight from Yuma Airport to Elko Airport | \$300 per person | \$300.09 | \$942,760,343.00 |
| Transportation 5 | Bus from Elko Airport to Pyramid Site | Bus- 4 hours, 40 people per bus, \$2000 | \$50.00 | \$157,079,600.00 |
| Transportation 6 | Bus from Pyramid Site to Elko Airport | Bus- 4 hours, 40 people per bus, \$2000 | \$50.00 | \$157,079,600.00 |
| | | | | |
| | | | \$5,000.00 | \$15,871,032,509.00 |

Marketing

Demonstrating demand of a Pyramid. We do not address the feasibility of the Market Demand for our Water System because we believe demand is self-evident. We have identified the following points that demonstrate the potential market demand of building a Pyramid, because this part of the Project is not self-evident. Points that demonstrate a potential demand for the Pyramid construction include identifying market trends that a Pyramid building project is consistent with, identifying our demographic and justifying our price point.

Tourism Market. Americans take [2,290,000,000](#) domestic trips every year, 73.8% of those are vacations and the rest are business related travel. This means that Americans take 1,690,000,000 leisure trips per year and that estimated expenditure on those trips is just over \$1 trillion per year. Outside of Domestic trips, there are over 86 million international tourists to the United States each year, who spend an additional \$1 trillion per year. Nearly half the cost of our Stone Vacation Packages are Tax Deductible, giving people additional incentive to choose us over other vacation options.

Corporate Training Market. American Corporations spent [\\$85 billion](#) on Corporate Training in 2018, with the average course costing an average of [\\$1,000 per day](#). Corporations can purchase ECO Courses from us and that cost can be a Tax Deduction.

Price Point. Our ECO Course is a 7 day-6 night all inclusive package that includes building a water Cube, placing a stone in the Pyramid and completing our Certification. It will cost \$6,500 per person, putting the price on par with the average cost of Corporate Training (\$1,000 per day).

Installment Plans. Since our operation will be ongoing for 40 years, participants can reserve a vacation package for years in advance of their travel date. This allows us to offer interest free Installment Plans for Stone Package purchases, allowing the purchasing entity to make monthly payments for up to 72 months. We come in competitively priced as both a Vacation and a Corporate Training Course. Offering installment payment plans and offering a Tax Deduction incentive gives us a competitive edge in both markets.

YouTube Pyramid Videos. There are several videos on YouTube that explain how the Great Pyramids of Egypt were built. The top videos have several million views each, demonstrating incredible interest in Pyramids. The top videos have [12m views](#), [11m views](#), [7.8m views](#), [5m views](#), and [3.3m views](#), respectively. We believe this demonstrates a market that is emotionally committed to the concept of building a pyramid and coming to know the story of humanity. We plan to target this market by creating video media content to be run on these target videos, and ones similar to it. These marketing pieces will direct the consumer to the website and incentivize deposit placement on a Stone Vacation Package.

Sustainability Movement. The size of the movement toward sustainability can be best seen when measuring the percentage of politicians with sustainability platforms. Examples include: Bernie Sanders, Alexandria Cortez, Barack Obama, Bill Gates, Al Gore, and Jessica Alba. The Industrial sector, as well, is increasingly investing in new sustainable technology, product development, and changing their marketing to highlight their practices. These factors demonstrate that the American Consumer is demanding sustainability products, services, and lifestyle(s).

Cairo Visitors. Cairo, Egypt visitor volume profile went from 1.8 million visitors in 2000 to 14.7 million visitors in 2010 and tourism generated [\\$12.9 billion](#) in revenues. Given the standard of living in Cairo is less than half that of the average US Citizen, these revenues would be closer to \$25-\$30 billion per year, if the attractions were located in America.

Infrastructure & Grants. The Majority of our business activities are strongly related to infrastructure development, economic development & Sustainability. These business activities qualify for more supplemental funding grants than traditional businesses activities. Our Nonprofit status further qualifies us for a tremendous amount of Grants. We intend to hire a full time grant writer to seek out and apply for these funding opportunities.

Science, Technology & Management Industry Demographic. There are nearly [70 million](#) employees in the science, technology, and engineering fields in the United States. The Employers of this demographic are our target market for ECO Certification Course Sales. The education level, general life interest profile, and work life experience of this demographic make them our target visitors. This demographic can effectively bring the lessons learned at the Pyramid Project back to their respective corporations, resulting in quicker market adoption of Sustainability practices and technology in the overall American Economy.

Burning Man. From the years of [2000 - 2019](#), 1,004,000 registered and attended Burning Man. Each participant spent an average of between \$4,000 and \$9,000 to make the one week trip. The USPP believes this demonstrates the demand for an experience like Burning Man and believes our ECO Course is a natural progression for those attendees. The USPP will offer the Burning Man Organization a portion of our ECO Course sales (a commission) in exchange for them marketing our products directly to their participants.

Native Americans. Native Americans have struggled for the past 500 years to adjust to living in the modern world that we brought to the Continent. The USPPs Pyramid building project is one of the first modern American projects that seeks to bring back the old ways of living. We sincerely believe this Project could be a catalyst to create common ground between those people who want the old ways of life and those people who want the new ways of life. The USPP believes that Native Americans will find value in this Project and we will make a special effort to encourage them to participate.

Marketing Verticals

Our Marketing budget is derived from stone package sales. For each ECO Course purchased, \$670.28 is set aside for marketing. The total marketing budget for our project is \$2.11 billion over 40 years. Our Marketing strategy is focused on the following four verticals: Marketing Partnerships, Corporate Training Course Sales, Coupon Code Referral Program & Digital Media Marketing.

Marketing Partnerships. The USPP will engage five marketing partnerships and one manufacturing & distribution partnership to accomplish its goals. Those Partnerships are proposed to be:

- ❖ **Marketing Partner 1 (MP1)** We will partner with a wetland conservation organization to purchase the Sonora Property. This partner will be asked to purchase the Water facility properties and lease them back to the USPP. In addition to making lease payments, the USPP will compensate MP1 with \$5 per ECO Course sold. The Sonora site can be expanded by purchasing additional properties. Those properties can house up to 1 billion Cubes and generate an additional \$5 billion in revenue.
- ❖ **Marketing Partner 2 (MP2) is the Nevada County where the Pyramid is Built.** The County where the Pyramid will be built will be a critical partner in this project as they are the direct governing body for our Pyramid building project. The USPP is offering this County a \$5 per ECO Course package sold commission.
- ❖ **Marketing Partner 3 (MP3) Tourism Advertiser. We are seeking a Tourism advertiser that specializes in advertising for the State of Arizona and Nevada.** We will propose to them a promotional agreement for our Pyramid building Project. To compensate the MP3 for promoting our project, the USPP is offering a \$5 per ECO Course package sold commission.
- ❖ **Marketing Partner 4 (MP4) is the Capital Seed Partner.** The Capital Seed Investor will put in \$1 million in exchange for \$5 per ECO Course package sold. Ideally, this partner would be a granite or stone company. The USPP will spend \$3-4 billion on quarrying over the life of the project and a granite company stands to gain the most from this project.
- ❖ **Marketing Partner 5 (MP5) consists of multiple individuals who contribute to critical operational functoriality.** This includes people who find a Location for the Pyramid, who find an Investor, etc.
- ❖ **Manufacturing & Distribution Partner (M & D Partner)** will have the exclusive right to resell the EARTH System IP to all sites outside of the Sonora Site. In exchange for this right, the M & D Partner will remit a \$10 per Cube Royalty to the USPP. We are seeking this partnership with Valmont Industries and Pierce Corporation; both of these entities have a global network of irrigation prone markets..

Corporate Training Course Sales. Corporate Sales entail the sale of ECO certification courses to a corporate entity. Employees of Corporate Entities are our target demographic for this project. The USPP will assemble a corporate sales team with the sole purpose of selling ECO training courses to Corporations. The cost of the program is a tax write off for the Corporation, and participation in the project is a powerful marketing claim for the Organization.

- ❖ The cost of the ECO training course to the Public is \$6,000.00. Corporate purchases have a wholesale rate of \$4,800 per ECO course when purchasing less than 100 courses and \$4,600.00 per ECO course when purchasing more than 1,000 courses. This price point reflects the decreased marketing cost of the bulk sale.

Coupon Code Referral Program. Public & Organizational Sales entail the sale of an ECO Course to the Public. This is done through our Coupon Code program. In this program, independent sales reps and organizations are assigned a Coupon Code to advertise our ECO Course. The Coupon Code will give the recipient audience a \$1,000.00 discount on their ECO Course purchase and earn a \$300 commission to the Coupon Code advertiser.

- ❖ Educational Organizations: The Planetary Society, The Hayden Planetarium, The Goddard Institute, The Sagan Institute at Cornell
- ❖ Publicly Traded Companies: ie Tesla, The Honest Company
- ❖ Podcasts: i.e. Star Talk, the Joe Rogan Show
- ❖ Nonprofits: i.e. The Burning Man Project, Churches
- ❖ Universities and Colleges
- ❖ Multi-Level Marketers: i.e. Doterra Natural Oils, Amway
- ❖ Individual Salespeople / Influencers

Digital Media Marketing. A portion of the marketing budget will be dedicated to traditional marketing; ECO course giveaways, marketing material development, billboard advertising, event participation, journalism interviews, and advertising on YouTube. We have an incredible website and plan to develop that extensively

- ❖ Facebook Marketing: ECO Course Giveaways
- ❖ Newspaper Articles
- ❖ Website, Text Messaging, Emailing
- ❖ YouTube Advertising
 - There are 20 YouTube videos with over 1 million views on the construction of the Pyramids of Egypt. Purchasing advertising space on these videos would be optimal for both Sales and for word-of-mouth marketing.
- ❖ Billboard Marketing
 - The USPP plans on placing 10 Billboard advertisements on highway 80 from Elko to Reno. These will market the Blasting Vacations and will review their efficacy before planning billboards for the Stone Vacations. Billboards in this location cost an average of \$500 per Billboard, per month. The total cost of one year of advertising for 10 billboards is \$60,000.00.

Proposed Project Partners



o

To execute this project, it will take a myriad of entities working together. Here is the list of significant entities proposed to help us execute our three products:

- ❖ **The US Pyramid Project (“USPP”)** is a Domestic Non Profit 501©3 Organization based in Winnemucca, Nevada, USA. Their Entity role in this Project is as its Developer, Director, Administrator, Marketer, Engineer and Principal Fundraiser.
- ❖ **Robert Daugherty Foundation aka the Valmont Foundation** (the “Valmont Foundation”) has over \$500 mm in VMI treasury Bond Capital to allocate to Organizations furthering the cause of sustainable food & water system developments. Robert Daugherty founded Valmont Industries and the Valmont Foundation was established under his infamous quote; “I don't want to be recognized, I want to do good.” We plan to appeal to the VMI Foundation to fund additional Cubes in our EARTH System.
- ❖ **Tesla’s Solar** (“SolarCity”) is a subsidiary of Tesla. SolarCity is a US based solar panel company. The USPP will need Solar Panel arrays at both our Pyramid and Water project sites. We will add to our Solar Arrays every year as our operations expand. The funding mechanism for our Solar panel arrays are the vacation packages; each one sold contributes more to the Solar panel purchase fund.

- ❖ [Preferred Pumps](#) (“**Preferred Pumps**”) is a corporation based out of Texas whose principal business is manufacturing pumps for hydraulic pipeline systems like ours. This Company is 100% Employee owned with an outstanding industry reputation for quality. It is our intention to order our water system pumps from this company.
- ❖ [Diamond Plastics](#) (“**Diamond Plastics**”) is a corporation based out of Texas whose principal business is producing plastic pipes for a myriad of purposes and industries. They are among the most trusted plastic pipe producers in the world. The USPP proposes to purchase our pipeline products from Diamond Plastics.
- ❖ [Yaskawa](#) (“**Yaskawa**”) is a corporation who manufactures variable frequency drives tailored to water irrigation systems. We need variable frequency drives (“VFD”) along our pipelines to keep water moving; Yaskawa is one of the most trusted and reliable VFD manufacturers in the world.
- ❖ [Arizona Bureau of Land Management](#) (“**ABLM**”) is the federal agency in charge of Arizona Federal Public Lands and the activities that are executed on them. We will work with the ABLM when securing a suitable route for our water pipelines.
- ❖ [The Bureau of Indian Affairs](#) (“**BIA**”) is part of the US Department of the Interior. They oversee the affairs between the US Federal Government and American Indigenous Peoples. We will work with the Cocopah Tribe to restore the Colorado River, which flows directly through their Nation. We will seek out a relationship with the BIA, identify their concerns they may have about our Project and make a plan to keep them abreast of our progress.
- ❖ [Desert Research Institute](#) (“**DRI**”) is a research Institute who studies the ecologies of our desert region. We will contract them to independently monitor the EARTH System’s impact on the environment and help us make adjustments to our Operations to protect the Desert environment surrounding our location.
- ❖ [The City of Yuma](#) (“**Yuma**”) is a City in Arizona located directly on the Colorado River, 70 miles North of the end point of the Colorado River. Yuma is currently dependent on an annual 75,000 acre feet allotment of the Colorado River. We will continue building the water pipeline from Mexicali to the Cocopah Reservation as part of Phase 2 of restoring the Colorado River. Building the water pipeline up to Yuma, AZ is Phase 3 of restoring the Colorado River.
- ❖ [Gobierno de Mexicali](#) (“**Mexicali**”) is a major City in Mexico located directly on the Colorado River; about an hour Southwest of Yuma, AZ. The restoration of the Colorado River will have a dramatic impact on the City of Mexicali. The USPP will fund the building of a pipeline from our desalination site to Mexicali as Phase 1 of restoring the Colorado River.
- ❖ [The Sonoran Institute](#) (“**Sonoran Institute**”) is an Organization dedicated to the restoration, preservation and engagement with our Natural Resources. The Sonoran Institute is a like minded Organization that focuses on the bigger picture; the health of ‘us’ is tied to the health of our Natural Resources. We will present our Project to the Sonoran Institute and identify areas of collaboration.
- ❖ [Ducks Unlimited](#) (“**Ducks**”) is an Organization dedicated to the preservation of Wetland Habitats. The Delta at the end of the Colorado River used to be one of the worlds largest wetland habitats. The USPP’s goal to restore the Colorado River will restore this wetland habitat. The USPP seeks a Joint Venture with Ducks wherein Ducks would purchase the Water System Properties in Mexico and lease them to the USPP.

- ❖ [The National Audubon Society](#) (“**Audubon**”) is an Organization dedicated to preserving and protecting habitats; especially migrational habitats. We will present our Project to Audubon and ask for their insights on the potential impacts we may have on local bird populations and ask how we can modify our operations to protect them.
- ❖ [The Redford Center](#) (“**Redford Center**”) is a US based Organization dedicated to environmental justice. We will reach out to the Redford Center to see where we may collaborate.
- ❖ [Restauremos El Colorado](#) (“**Restauremos**”) is a Mexican based Organization dedicated to restoring the Colorado River and its ecology.
- ❖ <https://www.ibwc.gov/home.html> (“**IBWC**”) is the United States Commission with the authority over the Colorado River and the Treaty that governs it. It is likely that negotiations to amend the Colorado River water usage will take place between the IBWC, the City of Yuma, AZ, the City of Mexicali, MX, the Cocopah Tribe and CILA. The USPP will propose this project to the Cities of Yuma and Mexicali, the Cocopah People; leaving talks with the IBWC and CILA to these entities.
- ❖ <https://cila.sre.gob.mx/cilanorte/> (“**CILA**”) the Mexican Water Authority with the authority over the Colorado River and the Treat that governs it. It is likely that negotiations to amend the Colorado River water usage will take place between the IBWC, the City of Yuma, AZ, the City of Mexicali, MX, the Cocopah Tribe and CILA. The USPP will propose this project to the Cities of Yuma and Mexicali, the Cocopah People; leaving talks with the IBWC and CILA to these entities.
- ❖ [Raise the River](#) (“**RR**”) is an Organization dedicated to restoring the Colorado River and coordinating the effort to do so. We will form a relationship with RR and seek out ways to coordinate our efforts.
- ❖ [University of Nevada Reno](#) (“**UNR**”) has intensive agriculture, climate and sustainability programs. We will present our project to them and offer ways for students to participate and study the EARTH System.
- ❖ [Universidad Autonoma de Baja California](#) (“**UABC**”) is a University in Mexico serving the Northwest region and focused on natural sciences. The UABC participated in minute 319 and is involved in studying the restoration of the Colorado River. We will reach out to the UABC to offer collaboration with Students to study the outcomes of the EARTH System.
- ❖ [El Colegio de la Frontera Norte](#) (“**Frontera Norte**”) is a Mexican Government Agency dedicated to investigations at large. They investigate everything from Crime to Environmental Impacts. We anticipate coordinating closely with this Organization and giving them regular updates according to their points of interest.
- ❖ [The US Geological Survey](#) (“**USGS**”) is a Federal Agency specializing in the study and safety of the Geology of our Planet. Our activities have many components related to Geology and we will use the USGS as a resource when identifying site locations for EARTH Systems and identifying a suitable location for building our National Monument.
- ❖ [The US Bureau of Reclamation](#) (“**USBR**”) is a Federal body dedicated to the management of US natural resources. This includes the Colorado River and its Basin. Ultimately this body will become involved in our Project through local governing bodies that we present our Project to. The USPP will reach out to the USBR to offer answers to any questions they may have, and we anticipate providing regular updates to them.

- ❖ [Environmental Defense Fund](#) (“EDF”) is a US based Non Profit serving the environment through law, research, real world projects and education. They fund projects like ours and address the same issues as us. We will collaborate with the EDF to identify potential areas of collaboration.
- ❖ [University of Nebraska Omaha](#) (“UNO”) received a \$50 million grant from the Valmont Foundation to carry on VMI Founder’s vision of sustainable food and water systems for our Planet. We will work with this Institute to study, refine and improve the EARTH System.
- ❖ [University of Arizona](#) (“UA”) has a department group dedicated to studying the restoration of the Colorado River. Restoring a river is not as simple as letting the water flow; the process will have to be carefully planned and done over time to prevent environmental damage. We will present our project to them and offer ways for students to participate and study the EARTH System.
- ❖ [Arizona Department of Agriculture](#) (“AZDA”) is the regulatory body overseeing agricultural production in the State of Arizona. The USPP is proposing to develop large agricultural operations growing species not commonly grown in the region. We will work closely with the AZDA to safeguard the existing agricultural and ecological health of the region.
- ❖ [One Tree Planted](#) (“OneTree”) is a Non Profit who executes tree planting projects in cooperation with cities across the globe. In the case where EARTH System tree planting operations do not or can not be supported by the local agricultural sector, we will employ this Organization to reach our target tree planting goals.
- ❖ [WorldTree Organization](#) (“WorldTree”) is a Nonprofit based out of Vancouver, BC, Canada. Their principle goal is to proliferate species appropriate tree planting in targeted regions in an effort to address climate change. WorldTree identified the Empress Tree as a Carbon sequestration powerful plant and was one of the first to promote planting as an effective tool of Carbon sequestration. We will use their service for EARTH System tree planting operations that directly contract local agricultural operations.
- ❖ [Weyerhaeuser](#) (“Weyerhaeuser”) is a US based for profit lumber producer and distributor; one of the biggest in the world. In order to fund our tree planting operation, we intend to sell futures contracts to a lumber manufacturer such as Weyerhaeuser. An empress tree can be grown to maturity in 8 years with under \$100 in costs; while a lumber manufacturer can retail this tree with a net profit of over \$600. We propose to manage the agricultural production of the trees while Weyerhaeuser will harvest, mill and take the trees to market.
- ❖ [Doterra](#) (“Doterra”) is a US based essential oil and holistic healing company based out of Provo, UT, USA. Each of our Vacationers will receive an Essential Oils Set.
- ❖ [Tunnels to Towers](#) (“T2T”) is a US based Nonprofit dedicated to caring for our Military Veterans when they return home with life altering injuries. It is the goal of the USPP to facilitate the Sponsorship of over one million Veterans to become ECO Course participants. In order to accomplish this, the USPP intends to forge a partnership with a Veterans Nonprofit like T2T in order to sponsor those US Military Veterans interested in participating in our Project(s).

3 Products Summary

The USPP produces three interconnected products designed to work together to achieve climate change reversal by 2050. These three products are: the EARTH System, the ECO Certification Course, and the Global Monument Project. The *EARTH System* is designed to generate a new freshwater resource, capture CO₂, add ozone to the atmosphere, restock forests, and create a ‘majority’ sustainable economy in the city it is built in. We’ve planned a 3.14 million cube EARTH System that could potentially restore the Colorado River and be expanded to solve the water crisis in the Western United States. The *Global Monument Project* is a society building project where a Pyramid-shaped monument is constructed by 3.14 million ECO Certification Course participants over the course of 40 years. The *ECO Certification Course* is a one-week all-inclusive corporate training where 3.14 million people participate in building the EARTH System and the Global Monument.

The EARTH System is an ecologically friendly desalination system that can generate a sustainable economy in less than 10 years for any small coastal city lying within the equatorial zone. EARTH is an acronym that stands for: ‘Emissions sequestration – Aquifer equilibrium – Residential development – Tree restoration – Housing materials.’ One EARTH System site location designed for 100,000 people will: produce 6-15 billion gallons of potable water per year, sequester 8 megatons of CO₂/yr., produce a net profit of \$600 per CO₂-tonne sequestered, generate a sustainable supply chain, increase annual rainfall, and generate ozone. Building an EARTH System for a City of a population of 100,000 residents is estimated to cost \$100 million over 20 years. The efficiency of the system is \$0.0027/gallon, making it one of the most practical desalination systems in the world. The EARTH System is designed to fit into a shrimp farming bed, use zero grid electricity, take less than a year to construct, produce a net profit after two years of operation, use common supply chain materials, require minimal maintenance, and easily connect to any water distribution utility.

The Global Monument Project is the proposed building of a complex of nine pyramids that represent the Solar System—one large pyramid representing the Sun and eight smaller pyramids representing the planets. The complex will contain 3.14 million stones; each stone will be quarried, shaped, and placed in the monument by an ECO Course participant. When finished, the Sun Pyramid—the largest in the complex—will be taller than the Great Pyramid in Egypt. The entire complex is designed to function as a sundial, with the Sun Pyramid eclipsing the eight smaller planet pyramids twice a year at the solstice. The entire cost of constructing the Global Monument Complex is embedded into the ECO Course cost, allowing us to slow down or speed up the project timeline to match the demand for the ECO Course Program. Our goal is to secure a building site location by the Fall of 2024, set up construction operations in the spring 2025 and commence base construction in the summer of 2025.

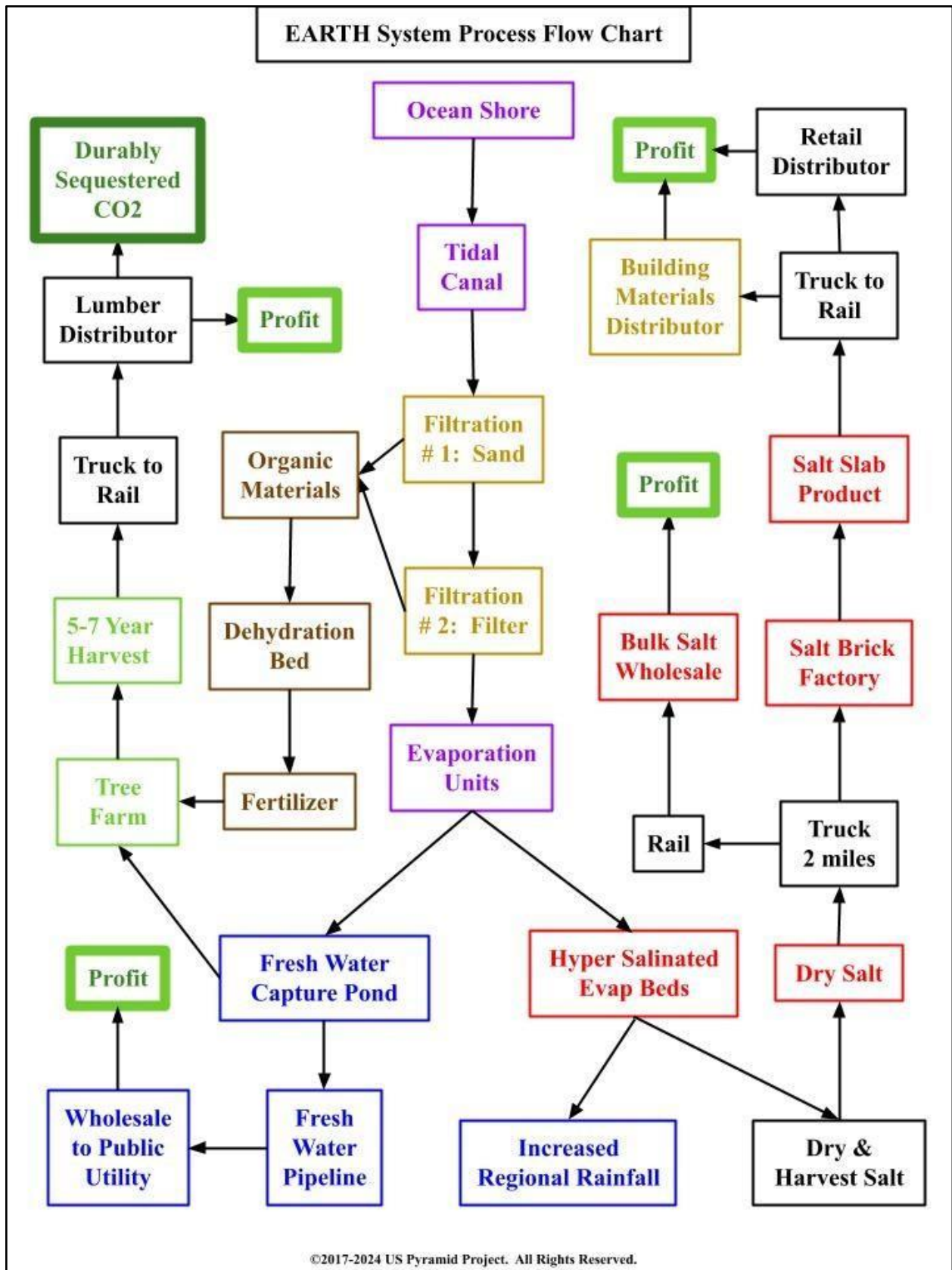
The ECO Certification Course is a one-week all-inclusive one-week corporate training course that enables participants to tour and participate in our EARTH System and Global Monument project(s). ECO is an acronym for Ecological Coefficiency Officer. The USPP forecasts that as our industries convert to sustainable ones, there will commonly come to exist a corporate officer position whose job is to oversee the sustainability of the entity’s operations. The ECO Certification Course was designed to service this training need. Upon completion of the course, ECO participants will constitute a professional network of people trained in modern sustainability and will have created a Symbol of Global Unity. The USPP plans to execute 3,141,592 ECO Courses over 40 years and charge \$5,000.00 per training. This revenue amounts to over \$15 billion and covers over 99.9% of our lifetime project operating cost.

The EARTH System

The EARTH System is a geo engineering template that allows municipalities to affordably reengineer any infrastructure to become fully Sustainable. The cost to construct and operate an EARTH System for a population of 100,000 residents for 20 years is \$100 million. This EARTH System is designed to capture carbon, produce water at \$0.0027 per gallon and create a sustainable economy at a profit of over \$600 per ton of Carbon sequestered (over 20 years). We have designed it to be operational within one year of construction and pay for itself within 10 years of operation. All the EARTH System needs to make a city fully sustainable is: access to the ocean, a Shrimp farm, a pipeline, a water utility and be located within the equatorial zone.

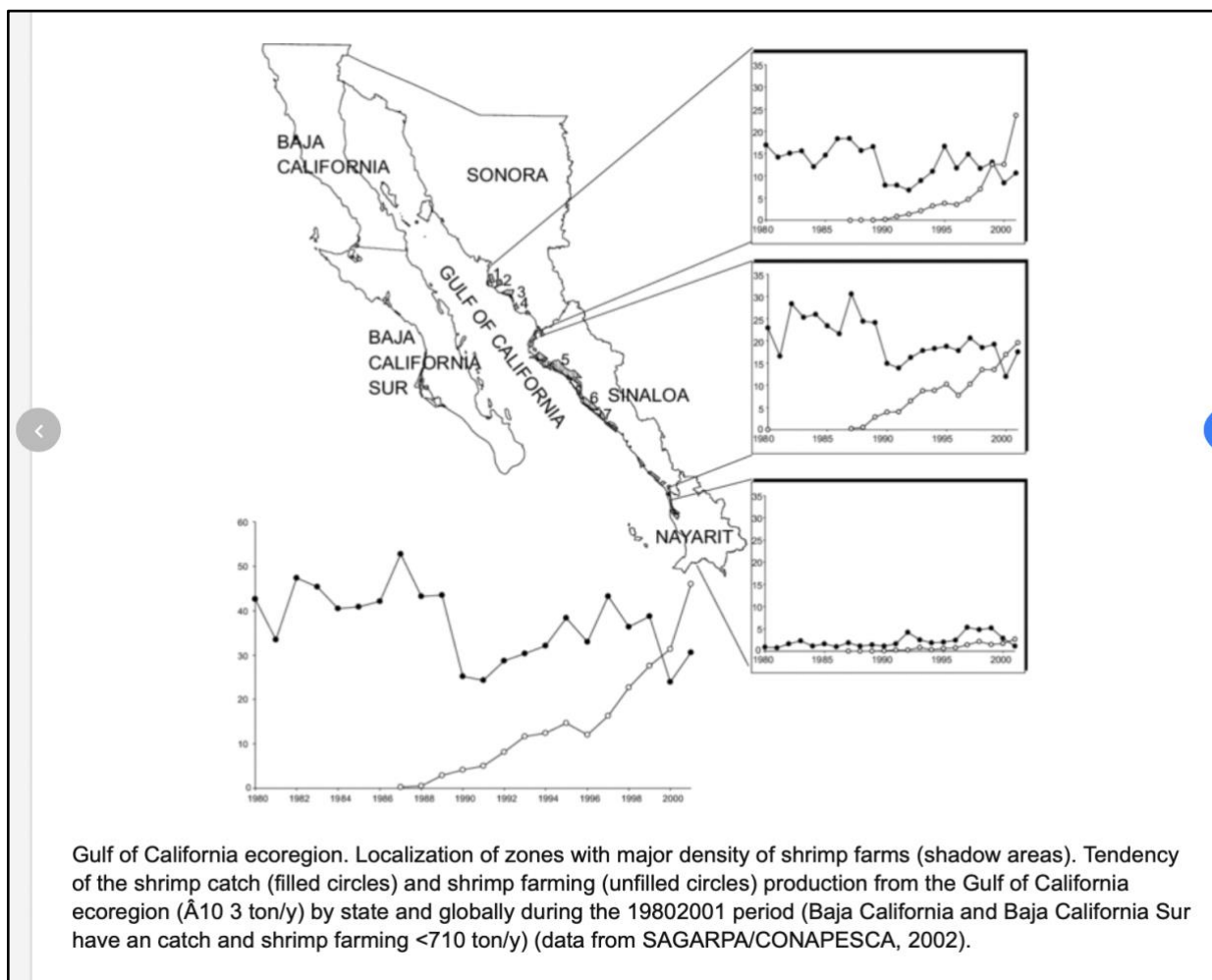


- ❖ **1 yr. infrastructure development / 10 yr. operations until profitability**
- ❖ **Lower city temperatures & increased ground cover in region**
- ❖ **Green sustainable supply chain & economy developed**
- ❖ **\$100 million in infrastructure & maintenance costs**
- ❖ **\$600 net profit/metric ton CO2 sequestered**
- ❖ **Water revenue selling to inland cities**
- ❖ **Low annual maintenance costs**
- ❖ **Globally trusted partners**
- ❖ **Zero grid electricity**



Shrimp Farm Infrastructure

In order for the EARTH System to work, it must be located in the equatorial zone and receive water from the Ocean; preferably through gravity. Shrimp Farms are located on the ocean, are located in the equatorial zone and create a gravity feed to bring ocean water in. This means that our evaporation rate will be high and our electrical demand will be low. Shrimp Farms are numerous in the equatorial zone, with several thousand established on North American coastlines alone. The EARTH System is built for any Shrimp farm wishing to convert a portion of their operations to desalination. Climate Change solutions require adaptability, affordability and should be built off of existing underutilized infrastructure. Designing the EARTH System to fit into a Shrimp farm is what makes the design a viable solution to the Climate Crisis. It is highly adoptable and virtually every aspect of the System is already built for most Coastal Cities.



Regional Viability

The EARTH System achieves optimal freshwater production when located within the equatorial zone. This zone is a band extending 2,000 miles North and 2,000 miles South of the equator. This band of real estate experiences the highest temperatures on Earth and is the home to the most critically water deficient regions in the world. Not only does the EARTH System perform optimally in this environment, it is the most strategic location to address the freshwater crisis. The Sonora Facility Site is located in the Colorado River Delta and lies within the equatorial zone, making this location the ideal to restore the Colorado River. Any EARTH System installed South of our Latitude and within the Equatorial zone is guaranteed to outperform Sonora Site location because the external temperature will only increase. This will reassure franchisees of the EARTH System that their location will perform at least at the level of the Sonora site location. This is critical to making the EARTH System adoptable on a global scale.

Local Area Weather

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Average | 70° | 75° | 80° | 87° | 95° | 104° | 107° | 106° | 101° | 90° | 77° | 69° |
| H (°F/°C) | 21° | 24° | 27° | 30° | 35° | 40° | 41° | 41° | 38° | 32° | 25° | 21° |
| Average | 46° | 49° | 53° | 58° | 65° | 73° | 81° | 81° | 75° | 64° | 52° | 46° |
| L (°F/°C) | 8° | 10° | 12° | 14° | 18° | 23° | 27° | 27° | 24° | 18° | 11° | 8° |
| Mean | 58° | 62° | 67° | 73° | 80° | 89° | 94° | 94° | 88° | 77° | 65° | 58° |
| | 14.4° | 16.6° | 19.4° | 22.7° | 26.6° | 31.6° | 34.4° | 24.4° | 31.1° | 25.0° | 18.3° | 14.4° |
| Average | 0.38" | 0.29" | 0.27" | 0.09" | 0.05" | 0.02" | 0.23" | 0.61" | 0.26" | 0.26" | 0.14" | 0.42" |
| Precipit. | | | | | | | | | | | | |

**City of Yuma, AZ Utilities Department "Water Conservation Plan", Published October 2020;*

Yuma, AZ Water and Water Utility Pricing is found in **Table 3.2.0 of the City of Yuma, AZ Utilities Department "Water Conservation Plan", Published October 2020**

Desalination Technology

We achieve desalination through simple (and clever) distillation. Our Evaporation units are made of high temperature plastic and are completely sealed by a film of Solkote Paint to capture and build heat from the Sun. A SAM unit is a series of plastic trays placed in a staggered configuration inside each Cube whose purpose is to disburse a Saline solution over multiple surface areas for maximum freshwater evaporation. Since the evaporation rate is directly affected by the water depth, this system reduces water depth to an absolute minimum in order to produce the most fresh water with the least inputs. The SAM unit Technology is Patent Pending and the exclusive technology of the USPP and its distributors. In addition to the SAM technology, we also use a series of steel pipes to feed the Cube System, they warm the water to 145 degrees using nothing but Solar warming. This system is simple, low energy, low maintenance, gravity fed and highly effective. This revolutionary design will be licensed exclusively to a Global Irrigation Corporation for manufacturing, distribution and site-specific engineering. Our proposed partners for the EARTH System are Valmont Industries and/or Pierce Corporation, both having global distribution points throughout the equatorial zone and an engineering staff dedicated to designing irrigation systems. [Click here to view our Patent description and illustrations.](#)

Evaporation Dome Unit
 Evaporation Rate Calculations

Total Surface Area & Water Volume disbursement inside SAM unit

Single Plate Surface Area:
 (34 in) (34 in) = P1 = 1,156 in²
 (86.4 cm) (86.4 cm) = P1 = 7,456 cm²

Bottom Plate Surface Area:
 (36 in) (36 in) = P2 = 1,296 in²
 (91.4 cm) (91.4 cm) = P2 = 8,354 cm²

Total Plate Surface Area (TPSA) = TP1 + P2

 TP1 = (35 plates) (1,156 in²) = 40,460 in²
 TP1 = (35 plates) (7,456 cm²) = 261,274 cm²

 TPSA = (40,460 in²) + (1,296 in²) = 41,756 in²
 TPSA = (261,274 cm²) + (8,354 cm²) = 269,628 cm²

Single Evaporation Dome Unit:
Total Water Volume (TWV) per minute:

 TWV = (36 in) (36 in) (1 in) = 1,296 in³
 TWV = (91.4 cm) (91.4 cm) (2.54 cm) = 21,219 cm³

Evaporation Empirical Equation:
 Meyer's Evaporation Equation

$$E_L = K_M (e_w - e_a) \left[1 + \frac{u_g}{16} \right]$$

E_L = lake evaporation (mm / day)
e_w = saturation vapour pressure at the water surface temperature (mm of merucry)
e_a = actual vapour pressure of the overlying air at a specified height (mm of merucry)
u_g = monthly mean wind velocity (kmph) at a height of 9m above the ground
K_M = coefficient accounting for other factors

<https://theconstructor.org/water-resources/evaporation-and-its-measurement/4575/>

Water Depth (WD) across TPSA per minute:

| | | | | | | | | | | |
|----|---|----------------------------------|---|--|---|--|---|----------|---|-----------|
| WD | = | $\frac{\text{TWV}}{\text{TPSA}}$ | = | $\frac{1,296 \text{ in}^3}{41,756 \text{ in}^2}$ | = | $\frac{21,219 \text{ cm}^3}{261,274 \text{ cm}^2}$ | = | 0.031 in | = | 0.0787 cm |
|----|---|----------------------------------|---|--|---|--|---|----------|---|-----------|

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Efficiency of our Cube

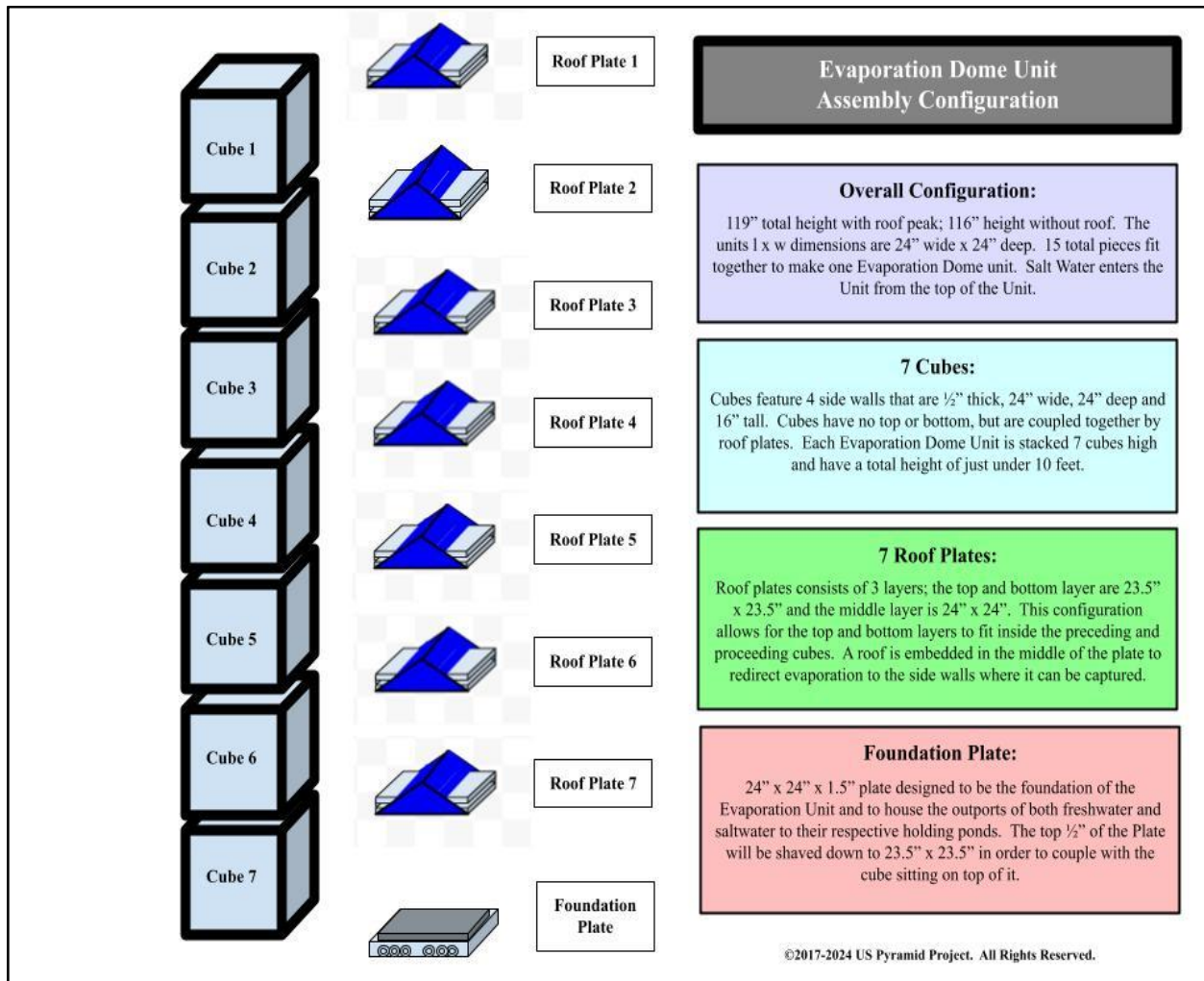
| Month | Average Daily Temp | Max Desalination Rate | Operating Hours | One Cube Fresh water production rate in gal/day | One Cube Fresh water production rate in gal/month | Total Max Yearly Freshwater Production of One Cube |
|-----------|--------------------|-----------------------|-----------------|---|---|--|
| March | 80 | 0.50% | 8 | 2.3 gal/day | 80 gal/month | 80 |
| April | 87 | 1.00% | 10 | 8 gal/day | 240 gal/month | 240 |
| May | 95 | 2.00% | 14 | 22 gal/day | 660 gal/month | 660 |
| June | 104 | 2.75% | 14 | 28 gal/day | 840 gal/month | 840 |
| July | 107 | 3.00% | 14 | 32 gal/day | 990 gal/month | 990 |
| August | 106 | 3.00% | 14 | 30 gal/day | 990 gal/month | 990 |
| September | 101 | 2.50% | 14 | 25 gal/day | 750 gal/month | 750 |
| October | 90 | 1.50% | 12 | 12 gal/day | 370 gal/month | 370 |
| November | 77 | 0.50% | 8 | 2.3 gal/day | 80 gal/month | 80 |
| | | | | | | 5,000 gallons |

*Tests conducted in Winnemucca, NV in the Summer of 2023 & 2024 where the daily high was over 100 degrees Fahrenheit for 3 or more days.

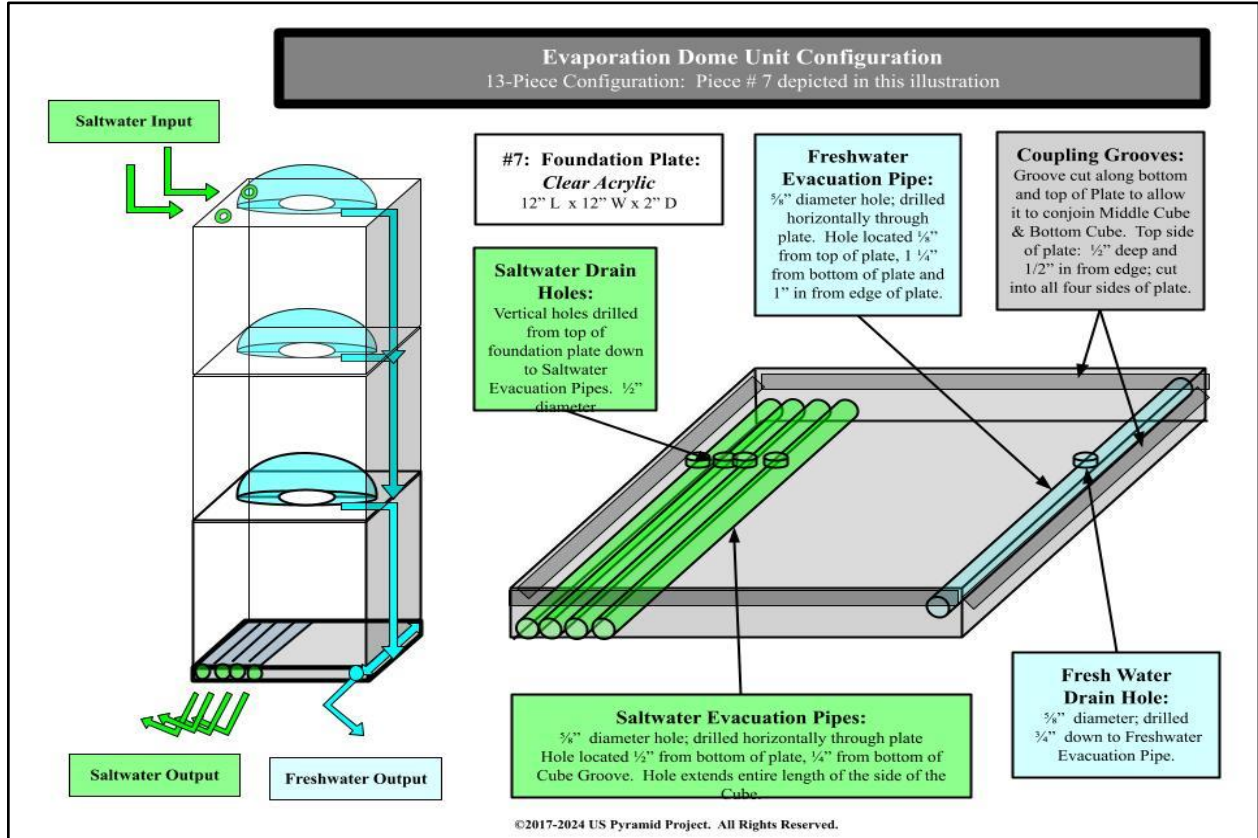
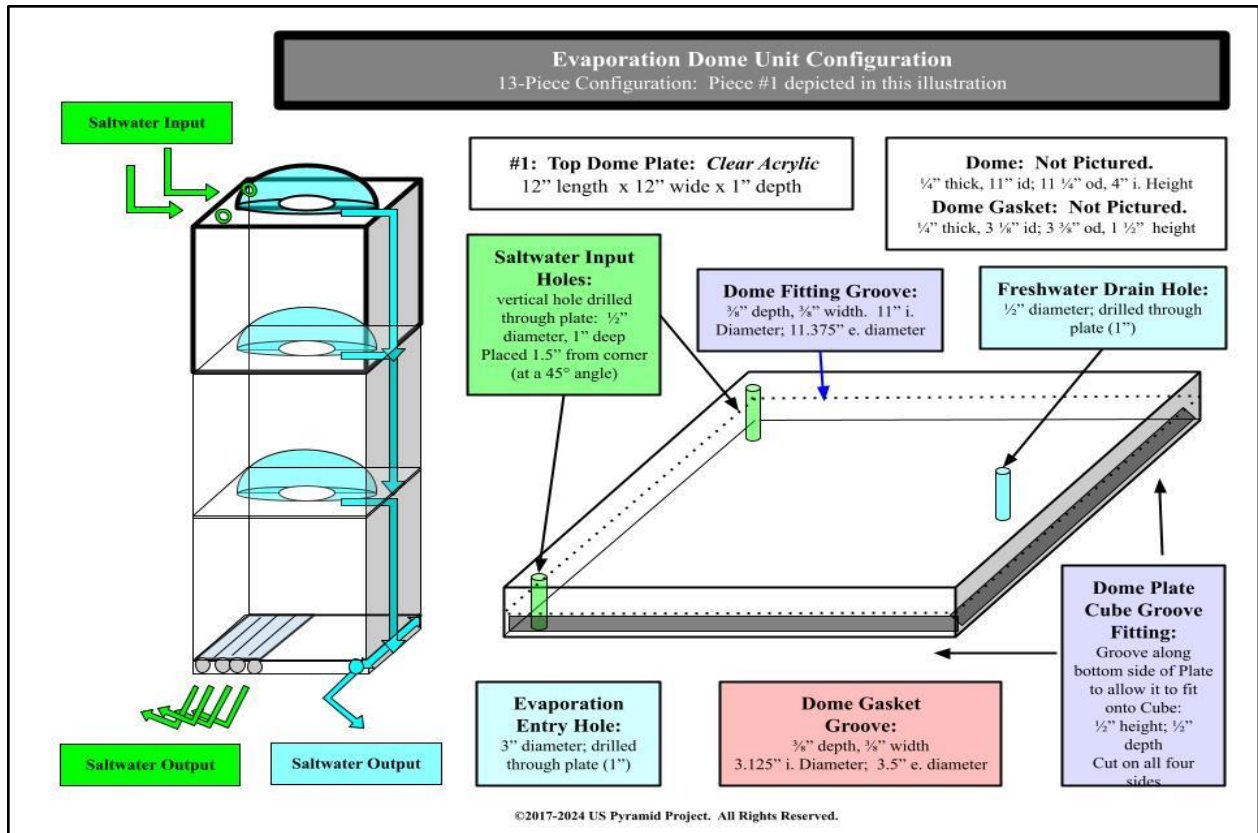
3,141,592 Cubes x 5,000 gallons = 15,708,000,000 gallons per year production

Cube Configuration

Cubes are stacked on top of each other to achieve most production in the smallest footprint. The maximum height of the Cube System is 7 Cubes, and that is due to the structural integrity of the high temperature plastic. The Cube System can be one, two, three, four, five or six Cubes tall without changing the functionality or efficiency of the System. The Cube System can be built taller but needs structural support and engineering to do so. We have included the [Patent Application Filing Descriptions & Illustrations on our website](#).



The following figures depicts the internal operation of the Cube System:

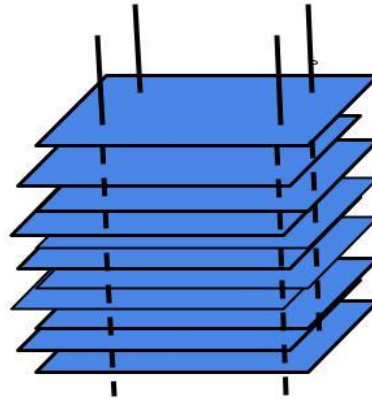
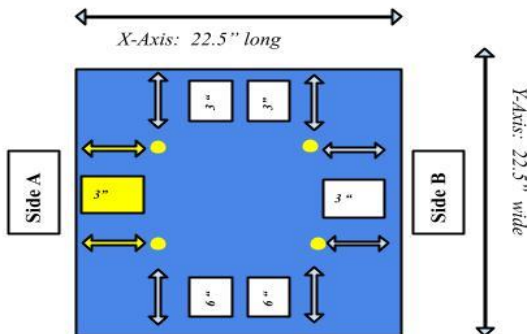


Evaporation Unit "SAM" Assembly Surface Area Maximizer "SAM"

Plate # 1 will be $\frac{1}{8}$ " from Side A Wall, $\frac{7}{8}$ " from Side B Wall, 1 $\frac{1}{8}$ " above Plate 2 on Side A Wall and $\frac{7}{8}$ " above Plate 2 on Side B Wall; causing a slope. The Plate's perimeter will be lined with $\frac{1}{2}$ " tall rubber lip that has a 4" break for water to pour over onto Plate 2.

Plate #2 will be placed opposite of Plate #1 in order to create a staggered configuration. This configuration allows the total volume of water in the cube surface area to increase by a factor of 13.

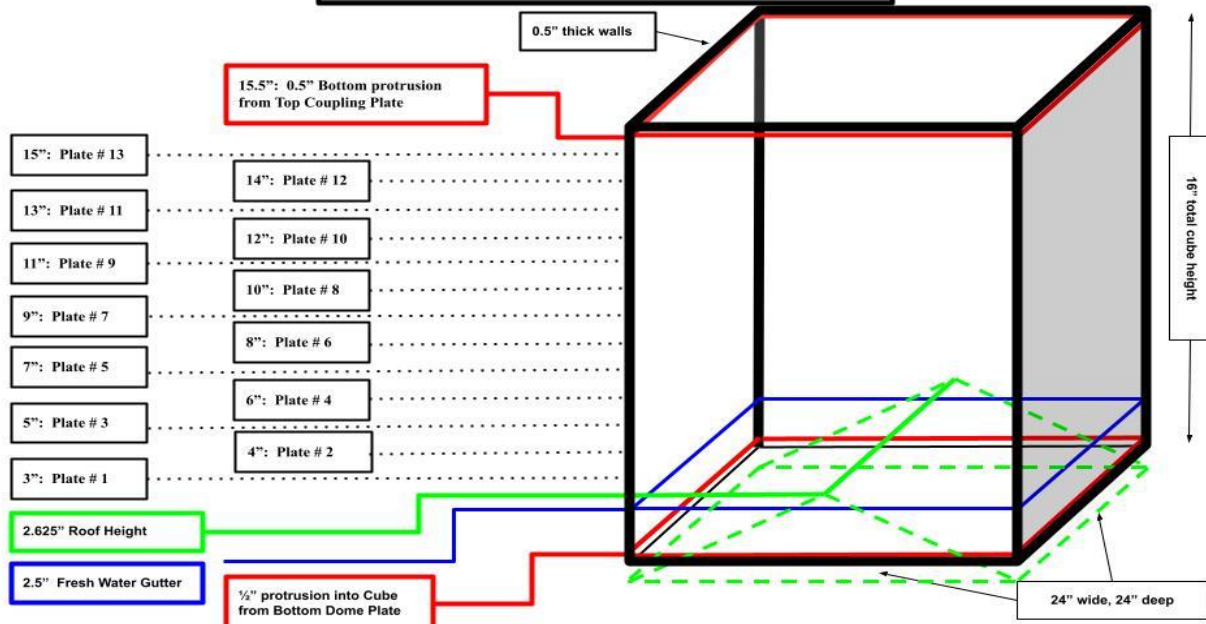
13 Plates per Cube; Each plate is 22.5" x 22.5" x $\frac{1}{8}$ " thick. In a 7 Cube Evaporation Unit, there are a total of 7 SAM Units, for a total of 91 SAM unit plates. All Plates will be secured by drilling $\frac{3}{8}$ " holes into the plates and arranging them four $\frac{3}{8}$ " posts that extend the entire length of the combined Cube and Roof Plate.



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SAM Placement inside Cube System

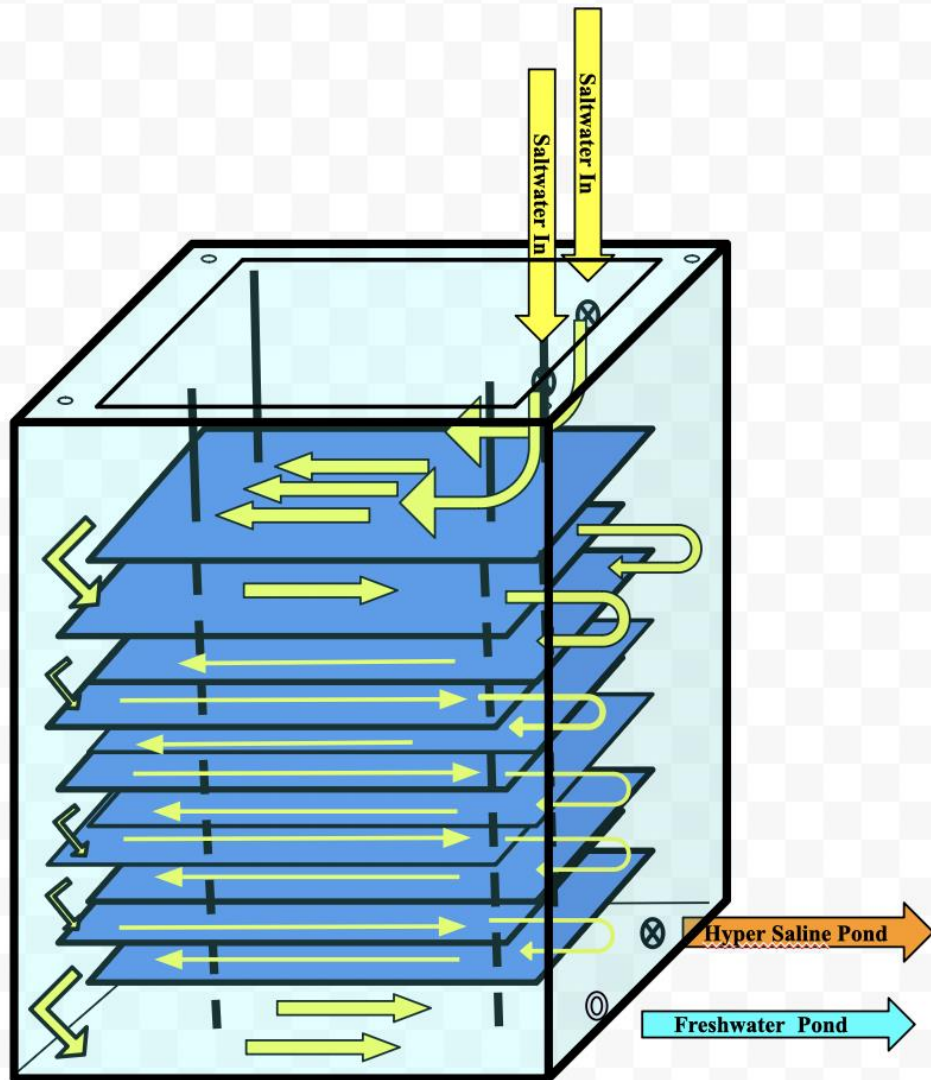
All Cubes are 16" tall, 24" wide, 24" deep and 0.5" thick. Dome Plates are constructed to couple and separate the cubes. The SAM unit is designed to sit inside the Cube for the purpose of increasing the evaporation surface area of the cube by a factor of 13.



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Evaporation Dome Unit

Surface Area Maximizer (SAM)



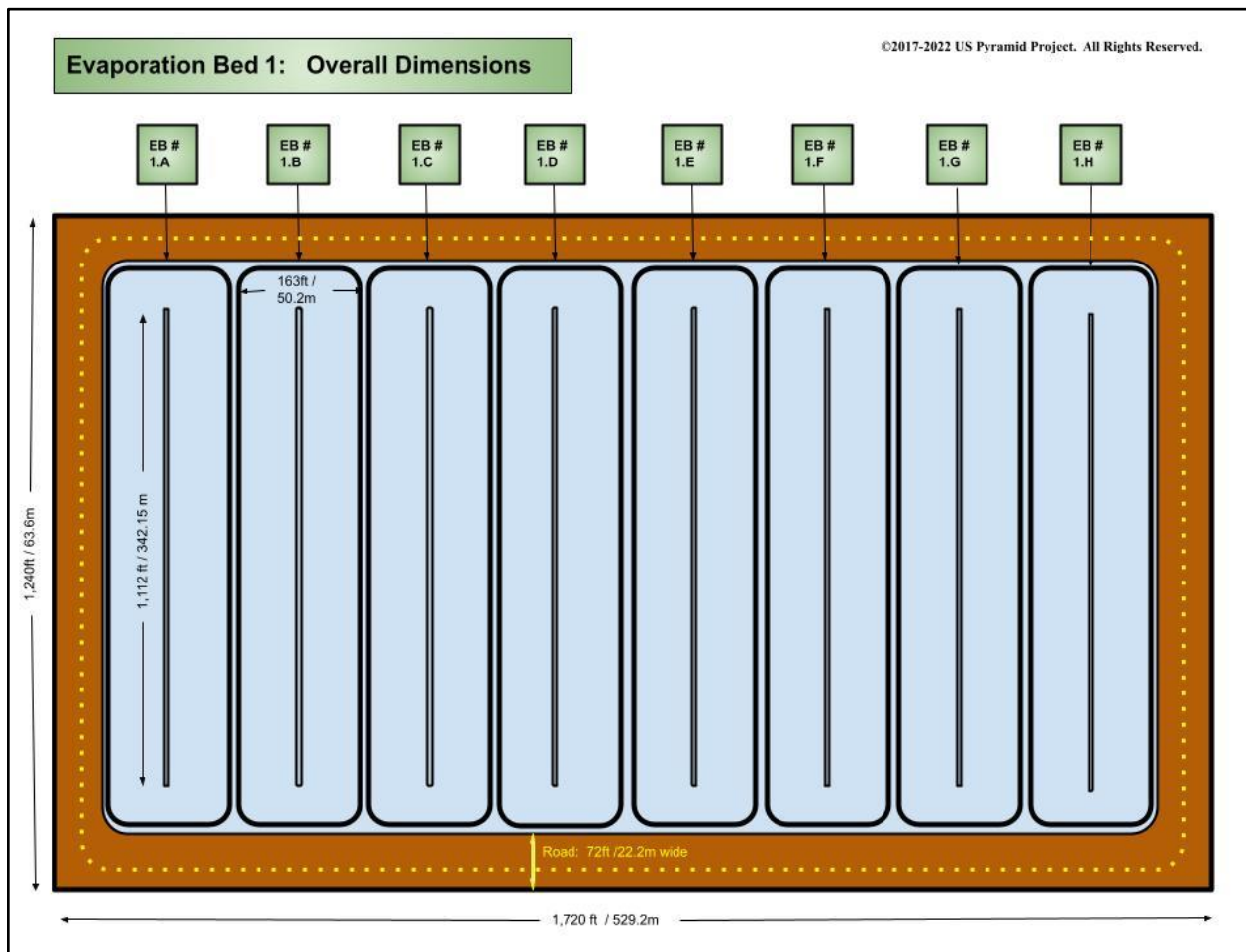
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Standard System Configuration

Configuration of the desalination system consists of placing cubes side by side inside a Shrimp Farm Bed. At the Sonora Site, we proposed to install a system that contains 3,141,592 Cubes. In between each of the Cube Units are a 1/8" thick black rubber liner; this protects the plastic from stress and helps the System absorb more heat from the sun. The Sonora Site Configuration is projected to create 15 billion gallons of freshwater per year operating only 8 months out of the year. This works because the months that desalination takes place are the high water demand months (Spring-Fall). This facility will alleviate groundwater demand during these months and allow ground aquifers to replenish so that they may be utilized as a water source during Winter months only. Shrimp Farm Bed units contain 8 individual beds. The cube desalination system will be contained in shrimp bed 1.D while beds 1.E, 1.F, 1.G 1.H will be used for Saline Evaporation and beds 1.A, 1.B & 1.C will be used for Freshwater Retention.

The following illustration depicts the 8-bed configuration:

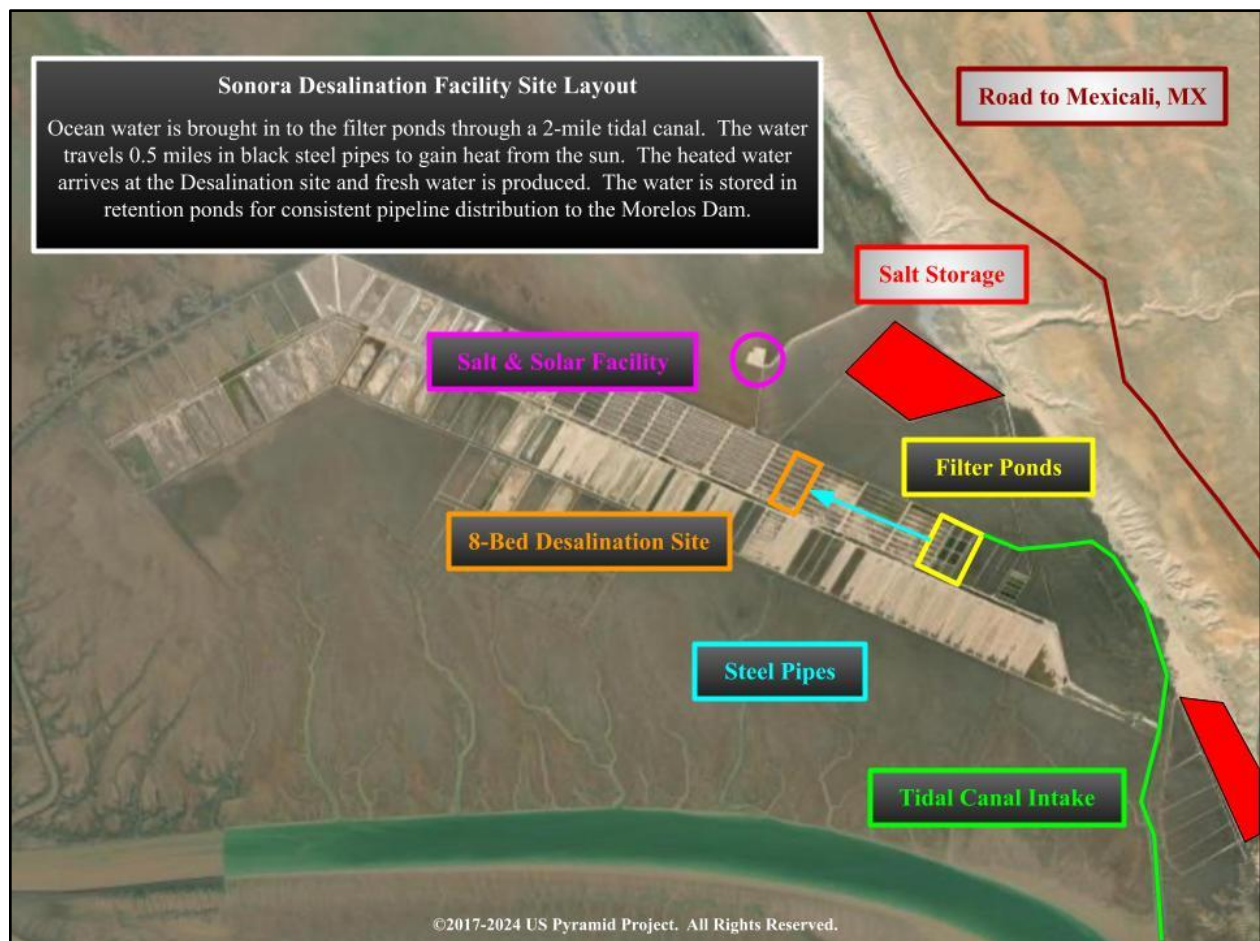


At the Sonora site location there are 100 beds, and we are proposing using one bed for our 3,141,592 Cube System. One bed is over 2 million square feet and is subdivided into 8 smaller beds (pictured above). This facility was built when commercial shrimping was allowed in the Northern end of the Sea of Cortez. Commercial fishing is no longer allowed in this area and only a few individual fishermen can utilize a tiny fraction of one bed on the site under an

individual fishing license (non-commercial). The EARTH System is conceivably the only permissible activity that could ever possibly take place at this facility now. We are environmentally nontoxic, use no machines and capture all of our salt. Our project is a perfect reimagining of this facility and will aid in solving the ecological problems that got the facility shut down in the first place.

This location would have a 4-megawatt solar array to both power our brick making machines and eventually power the Water Pipeline taking our water to the Morelos Dam. We propose to build a brick oven near the desalination site where we would process salt and turn it into bricks. This concept has been demonstrated by a Salt Lake City company who also powers their salt manufacturing facility with solar power. The Sonora site is a great staging area for shipping salt and/or salt bricks; the train runs along the coastline, less than a half mile away from the proposed facility. We will need to store most of the summer production of salt for off season processing. We plan to store the salt in pond lined beds at the periphery of the facility, which are 8-12 feet higher than sea level. Altogether, the Site will be self-sufficient, repurpose an otherwise condemned facility, pose no risk to the local environment and provide a life changing amount of water.

A Tidal Canal takes in water at high tide into the filter ponds. The Filter Ponds strain out most of the ocean debris and normally the water is passed into a Shrimp Pond. Our System mirrors this utilization of the facility but with one difference; we will utilize far more ocean water than a Shrimp Farm does. Since new ocean water is brought in only at middle and high tide, we will need to create retention Ponds so that we can continue desalination during a low tide. Next, we purposefully locate the desalination shrimp bed 0.5 miles from the retention Ponds. This allows our black steel pipes to heat up the water to a temperature of 145 F before reaching the desalination System. This is a critical component to reaching evaporation rate maximization without energy inputs.



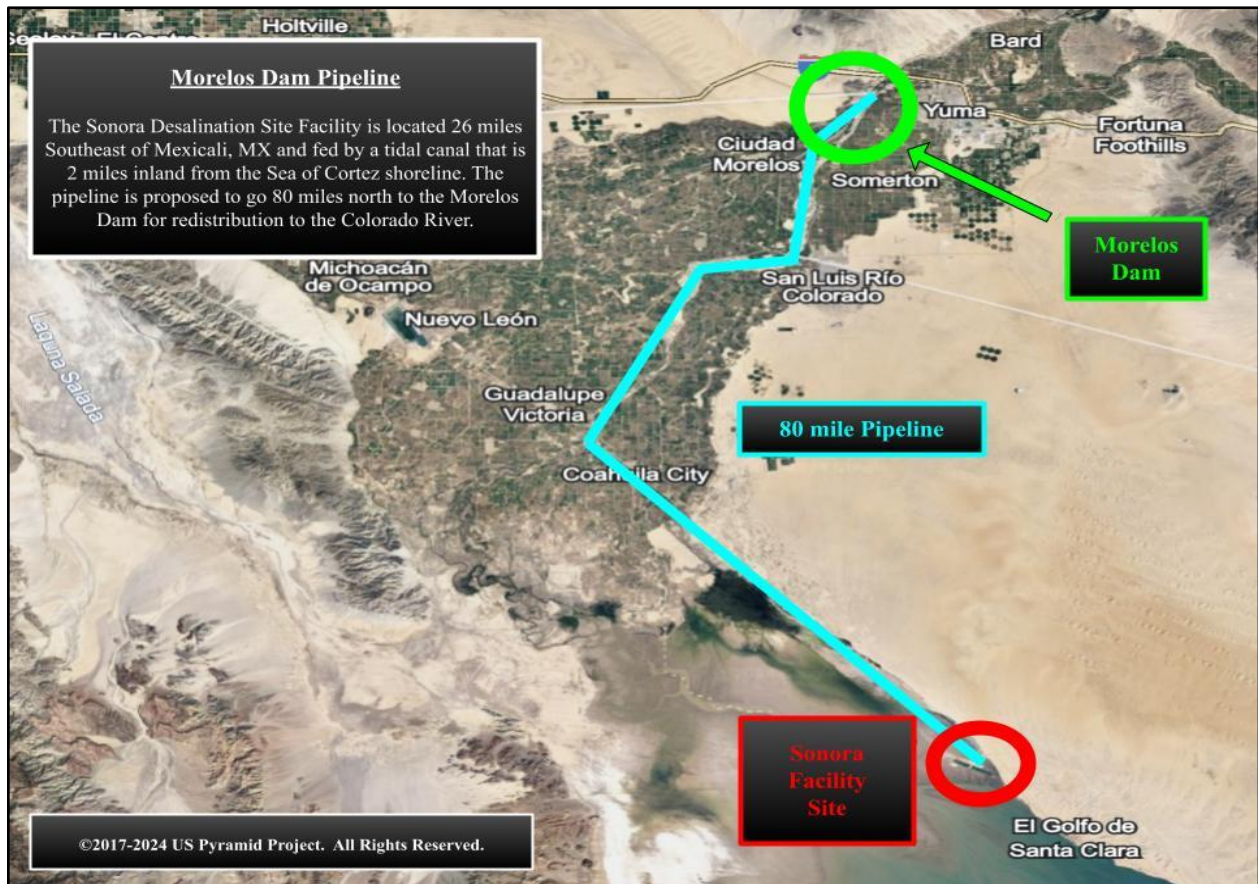
Site Location Measurements



| | | | | | | | |
|-------|----------------|-------|---------------|-------|-----------------|-------|-------------|
| A → E | 1.55mi /3.4km | E → G | 0.8 mi /1.7km | I → J | 0.7 mi / 1.5 km | M → N | 714yd/660m |
| A → B | 558 yd/515m | F → R | 4 mi /8.8 km | I → S | 3.3 mi / 7.2 km | M → O | 740yd/683m |
| A → O | 0.7 mi /1.5 km | F → G | 685yd/ 632m | J → E | 1.1 mi / 2.5 km | N → P | 0.7mi |
| B → F | 1.36mi/3 km | G → I | 0.7mi /1.6 km | J → Q | 2.27 mi / 5 km | P → O | 855yd |
| B → C | 77 yd/ 71 m | G → S | 4 mi /8.8 km | L → E | 2.46 mi /5.4km | P → Q | 0.9 mi/2 km |
| C → D | 558 yd /515 m | H → I | 0.7mi/1.54km | L → Q | 1.36 mi /3 km | Q → R | 836yd/772m |
| D → G | 1.1mi /2.49km | H → K | 1 mi / 2.2 km | L → M | 897 yd / 828 m | Q → S | 0.9mi/2km |
| E → F | 628yd/580m | H → J | 1.4 mi/3.1 km | L → N | 0.92 mi / 2 km | R → S | 715yd/660m |

Water Distribution

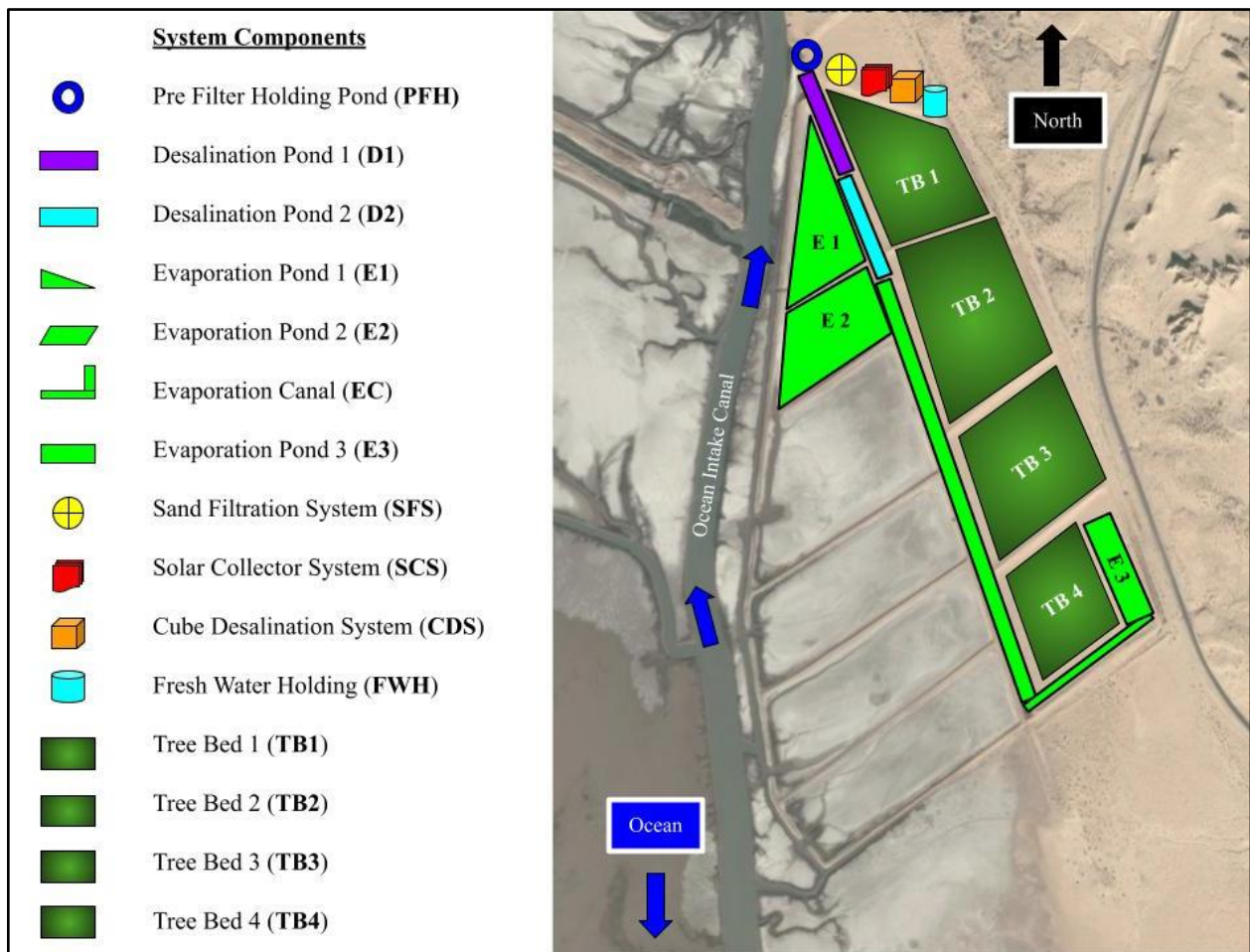
The demonstration site is proposed to be located at a Shrimp Facility (“**Sonora Facility**”) located at the North end of the Sea of Cortez, where the Colorado River empties into the Pacific Ocean. The Morelos Dam is our intended water delivery point to restore the Colorado River. It will take 80 miles of pipeline to reach it. Yuma and the Salton Sea are also nearby, they are secondary goal markets for our system. Eventually, we would like to build a pipeline to Lake Mead and use that as a central distribution point to solve the water crisis in the Western United States at large. This site location allows us to service both the US Market freshwater market and Mexico’s Fresh Water Market. Aside from meeting the basic needs of each country’s communities, providing water to Mexico and the Southwest United States will do a lot to increase prosperity and security for both our Countries. Lastly, this site has weather that is optimal for our Evaporation Technology; the technology that is the basis of our freshwater production. A combination of high temperatures and the highest percentage of sunniest days in the region make this site the optimal first location for the EARTH System.



Proposed Demonstration Site System Configuration

We propose to construct a demonstration of the EARTH System within a single shrimp bed in 2025. We will reconfigure the property for a 10-day water cycle. Our system constantly recycles saline water to produce freshwater. This solution becomes higher in salt concentration each time it passes through the Cubes. We pass the same ocean water through the system until it reaches a saliency of 30%. Once water has reached this level, it is piped to evaporation beds where it will turn into salt. This 10-day system allows us to concentrate salt water and dry it out in a smaller footprint. This system will feature 1,618 Cubes and is funded by 1,618 Blasting Vacations being sold.

The following illustration depicts the demonstration property configuration:



[A complete illustration of the 10 Day Cycle can be found in Appendix B.](#)

Successful Completion of System Demonstration

Demonstration Metrics

Phase 1 will be considered successful if the water produced by our System continuously and consistently produces potable water for a period lasting no less than 90 days. We define potable water by the Surface Water Treatment Rule standards; itemized in the chart below. The Governments of Mexicali, Mexico and Yuma will be asked to appoint third party sampling Representatives to sample and independently verify that our water is free from the following:

| | |
|--|---|
| <ul style="list-style-type: none">• Temperature• pH• Total Coliform bacteria• Radiochemicals• Chlorine• Inorganic Chemicals• Metals• Disinfection By-Products | <ul style="list-style-type: none">• Alkalinity• Turbidity• Cryptosporidium• Synthetic Organic Chemicals• Pesticides and Herbicides• Nitrates• Lead and Copper• Unregulated Contaminants (socified by USEPA and ADEQ) |
|--|---|

Phase 1: Sonora Site *Demonstration Development Costs*

Technical Details. Phase 1 includes raising \$1 million in Seed Capital. Of this amount, \$240,000.00 is set aside to start the Sonora Property Water System. From our Blasting Vacations Revenue, \$300 per participant is committed to build and install a Cube and \$100 per participant is committed to plant trees. We plan to execute 1,618 Blasting Vacations, generating \$647,200.00 in site development funds. Altogether, the site will have \$887,200.00 to develop the demonstration site. *All prices include materials, manufacturing, delivery, installation, taxes, overhead and surplus materials for mistakes or accidents.*

| <i>Description</i> | <i>Unit Cost including Delivery</i> | <i>Units</i> | <i>Total Cost</i> |
|--|--|--------------|-------------------|
| Ocean Water Intake | | | |
| Ocean Intake Sand Filtration | \$5.00 Sandbags: 25ft sandbag tubes | 30 | \$600 |
| Secondary Filtration Equipment | JX Filtration Unit 20-40 gpm | 1 | \$5,000 |
| Pipeline Investment Funds | \$100.00 per Blasting Vacation: <i>PVC Pipes (\$17,800), Steel Pipes ((\$70,900), Pumps (\$52,000), Solar (\$28,500)</i> | 1,618 | \$0.00 |
| Dirt Work | | | |
| Bed & Road Redevelopment | \$120.00/hr. | 200 hrs | \$24,000.00 |
| Equipment Transportation | \$2,000 Bulldozer & Caterpillar to site | 1 | \$2,000.00 |
| (or Equipment Rental Fee) | \$2,000 Bulldozer & Caterpillar from site | 1 | \$2,000.00 |
| Fuel Tanks | \$4,000.00 550 gallon tanks- diesel | 2 | \$8,000.00 |
| Fuel Tank | \$800.00 50 gallon tank- gas | 1 | \$800.00 |
| Fuel Tank Mounting to Trailer | Custom Quote | 1 | \$1,200.00 |
| Flatbed Trailer for Fuel Tanks | \$5,000 Purchased in local market | 1 | \$5,000.00 |
| Pond Liner | \$1.50/sqft: 60mm Thick EPDM | 60,000 | \$90,000.00 |
| Water Capture Vessels | | | |

| | | | |
|--|--|-------|-------------|
| Freshwater Retainer | \$5,000.00: 5,000 gallon vertical plastic tank | 1 | \$5,000.00 |
| Stainless Steel Brine Tank | \$5,000.00: 350 gal Brine Tank// Recirculation | 1 | \$5,000.00 |
| Plastic | | | |
| Cube Sidewalls HDPE | \$6.50: 12in x 24in x 1/8" (+10% for loss) x 4.4 | 1,618 | \$46,275.00 |
| Cube Bottom HDPE | \$12.50: 12" x 12" x 1/2" (+10% for loss) x 1.1 | 1,618 | \$20,225.00 |
| Cube Top HDPE | \$3.30: 12"x12"x 1/8" (+10% for loss) x 2.2 | 1,618 | \$12,500.00 |
| Cube SAM Trays HDPE | \$2.50: 12"x12"x1/16" (+10% for loss) x 13 | 1,618 | \$57,850.00 |
| Solkote Paint- Thermal for Plastic | \$80.00 per quart, covers 10 Cubes | 164 | \$13,000.00 |
| Solkote Paint Applicator | \$400.00 per applicator | 4 | \$1,200.00 |
| Cargo Containers | | | |
| 8 Cargo Containers | \$5,000 /unit incl delivery (50ft-53ft) | 6 | \$30,000.00 |
| 2 Remodels for Manufacturing | <i>Insulation, Electrical, A/C, Marine Coating, Lighting, Tables, Shelves, Ventilation</i> | 2 | \$40,000.00 |
| 2 Remodels for Supplies Storage | <i>Structural Reinforcement, Lighting, Marine Coating, (\$40,000/unit)</i> | 2 | \$80,000.00 |
| 2 Remodels for Salt Storage | Interior Sealing, Exterior Sealing: \$6,000 per Structure, Marine Coat (\$6,000.00/unit) | 2 | \$12,000.00 |
| 1 Remodel for Tree Supplies | Structure, Marine Coat (\$6,000.00/unit) | 1 | \$6,000.00 |
| 1 Remodel for ATV, Trailer, Solar | \$5.00 per 25ft Sand Tube, 60 per Cargo | 1 | \$6,000.00 |
| Cargo Sand Bag Foundation | 10 Cameras, 10 Light Sets, Computer | 360 | \$1,800.00 |
| Security | \$120.00 per month + \$560 Unit Starlink | n/a | \$5,000.00 |
| Satellite / WIFI | | 12 | \$2,000.00 |
| Salt Brick Kiln & Crucible | \$5,000.00: 2,400F Kiln & Crucible | 1 | \$5,000.00 |
| Sonora Business License | \$1,050.00 | 1 | \$1,050.00 |
| Tree Farm Development | \$100.00 per Blasting Vacation <i>PVC Pipe, Pond Liner, Bed Dirt Work, Tree</i> | 1,618 | |

| | | | |
|--|--|--------|-------------|
| 20,000 Trees planned (10 trees per participant +23% compensation for biological loss) | Sacks, Soil, Nursery Supplies, Nutrients, Seed, Irrigation Tubes, Regulators, Pumps, Organic Materials Drying Bed | | |
| Nylon Tubing (max temp 200) | | | |
| Tube: Cube Fresh to Main Pipe | \$0.50/ft: ¼” Nylon Tube, 6ft/Cube +10% loss | 1,618 | \$5,500.00 |
| Top Cube 6-Port PVC Manifold | \$3.00: ⅜” Barbs, 1 per 3 Cubes +10% loss | 600 | \$1,800.00 |
| Salt Pipe Exit Recirculating Tube | \$0.80/ft ½” Nylon Tube, 6 ft/Cube +10% loss | 1,618 | \$8,500.00 |
| Salt Drain 2 Port Manifold | \$2.00: ⅜” Barbs, 1 per Cube +10% loss | 1,618 | \$3,600.00 |
| Salt Pipe Manifold to Saline Return | \$1/ft: 1” Nylon Tube, 15ft/Cube+10% loss | 25,000 | \$27,500.00 |
| PVC Pipe | | | |
| Freshwater to Retainer | \$10.00/ft: 3” OD PVC Pipe (400 gpm) | 100 | \$1,000.00 |
| Cube Saline to Retention | \$25.00/ft: 6” OD PVC Pipe (1700 gpm) | 100 | \$2,500.00 |
| Ocean Intake to Retention | \$25.00/ft: 6” OD PVC Pipe (1700 gpm) | 200 | \$5,000.00 |
| Retention to Salt Recirculator | \$25.00/ft: 6” OD PVC Pipe (1700 gpm) | 100 | \$2,500.00 |
| Tree Pipe: Fresh Retainer to Tree | \$10.00/ft: 3” OD PVC Pipe (400 gpm) | 400 | \$400.00 |
| Installation | \$5.00/ft Installation | 900 | \$4,500.00 |
| PVC Coupler 6” | \$30.00 per unit: every 5 feet | 80 | \$300.00 |
| PVC Coupler 3” | \$10.00 per unit: every 5 feet | 100 | \$1,000.00 |
| Plastic Weld | \$30.00/pint: 1 pint covers 10 welds | 20 | \$600.00 |
| Stainless Steel | | | |
| Stainless Steel Pipes 2.375” OD | \$20.00/ft: 2” sch10 (2.4”od)(.2”id)(.1”wall) | 2,000 | \$40,000.00 |
| Stainless Steel Pipes 6” OD | \$70.00/ft: 6” sch10. Main Salt line to Cubes | 80 | \$6,000.00 |
| Stainless Steel Sheet 2” Coupling | \$12.00/sqft: 30 Couplers/sqft. 2,000 Couplers | 70 | \$900.00 |
| Solkote Paint- Thermal for Steel | \$10.00 per quart, covers 100ft 2” Steel Pipes | 20 | \$2,000.00 |
| Solkote Paint- Reflective for Frame | \$10.00 per quart, covers 100 sqft. 2,000sqft | 20 | \$2,000.00 |
| Stand Platform/Frame | \$10.00 per sqft Platform for Pipes | 2,000 | \$20,000.00 |

| | | | |
|--|--|-------|---------------------|
| Solar Solar System w Storage 3 Phase Converter | \$25,000.00: 20 kW Solar System | 1 | \$25,000.00 |
| | \$3,500.00: 3-Phase 480 Y 277 - 208 Y120 | 1 | \$3,500.00 |
| | | | |
| Thermal Molding Equipment Thermal Mould for Trays & Top Templates: Top & Tray Cube Former CNC Plastic Cutting Table Plastic Welder Machine | \$7,500.00: Thermal Former for Trays & Top | 4 | \$30,000.00 |
| | \$1,000.00 each template- 2 Trays, 2 Tops | 4 | \$4,000.00 |
| | \$6,000.00 Template Form Base for Cube | 1 | \$6,000.00 |
| | \$12,000.00 CNC Machine Bottom/Top/Side | 1 | \$12,000.00 |
| | \$8,000.00: Hand Held Plastic Weld Machine | | \$8,000.00 |
| | | | |
| Pump System Pumps Pump Panel / VFD | \$6,000.00 10 hp Stainless Steel Pump | 4 | \$24,000.00 |
| | \$500.00 3 Phase Pump Control Panel | 4 | \$2,000.00 |
| | | | |
| ATV | \$30,000.00 CFMOTO UFORCE w/delivery | 1 | \$30,000.00 |
| Bathroom Port O Potty Holding Tank Bi Monthly Servicing June - Oct Monthly Servicing Nov - May | \$1,200.00 w/ Recirculator & Delivery/Inst | 1 | \$1,200.00 |
| | \$1,000.00 w Delivery & Installation | 1 | \$1,000.00 |
| | \$200.00 Every Two Weeks (Summer) | 10 | \$2,000.00 |
| | \$200.00 Once a Month (Outside Summer) | 7 | \$1,400.00 |
| | | | |
| Generator | \$15,000.00: Generac 30 kW Generator | 1 | \$15,000.00 |
| Cube Manufacturing & Installation Labor | \$15/hr: 1 Hour Molding, 1 Hour Assembly, 1 Hour Load & Transport, 1 Hour Installation | 6,472 | \$98,000.00 |
| Summary Totals | | | \$887,200.00 |

Phase 2: Connect Water System to First Town

The first town we plan to connect to is El Golfo De Santa Clara, less than 10 miles away from our EARTH System Site location. Phase 2 is nearly as critical to our long-term overall project success as Phase 1. While Phase 1 will demonstrate the technology's efficiency, Phase 2 will demonstrate the performance of the EARTH System as a Utility. Once an EARTH System is connected to a city and proven to reliably function as a utility, it will be much easier for other cities to adopt our technology. Phase 1 will forge the pathway for the technology to enter the marketplace and Phase 2 will forge the pathway for large scale market adoption.

Phase 3-10: Restore the Colorado River, its Delta and the Cocopah Nation.

Aside from providing a template of sustainability to coastal cities around the world, the EARTH System has a very specific goal for the Sonora site facility apart from all other EARTH System locations. That is to restore the Colorado River, the River's Delta wetland habitat and the Cocopah Tribe. A healthy River is the most valuable thing a society can have. A river's health is the perfect measurement to indicate the health of the land and the Society that exists around it. The Colorado River Delta is one of the world's largest wetland habitats and has become so degraded due to the river loss that it was recently declared an environmentally protected area by Mexico. The Cocopah are the ancestral custodians of the Colorado Delta region. For thousands of years their people thrived off the lifeline provided by the Colorado River; but today it runs dry. This is an injustice to these people and to everyone else. The USPPs' primary goal is to negotiate a deal with various entities in Yuma County, USA to pipe fresh water to the Morelos Dam, where the Colorado River runs dry. Our freshwater can be redistributed at this point to restore the Colorado River, its wetland delta and the ancestral land of the Cocopah.



Global Monument Summary

Our proposed Global Monument consists of 9 Pyramids aligned from West to East. These 9 Pyramids represent the Sun and eight Planets of our Solar System. The Pyramids' size will have an aspect ratio equivalent to the sun and eight pyramids (illustration not to scale). When complete, the Sun Pyramid will be over 500 ft tall and the Earth Pyramid will be less than 5 ft tall. Standing near the Pyramids will give the observer a sense of the scale of the Solar System. Twice a year, the Sun Pyramid will cast a complete shadow over the eight smaller planet pyramids during the summer and winter solstice, effectively mimicking a Solar Eclipse.

There are 3,141,592 stones- the number Pi- proposed to be in our pyramid complex: each stone being placed by an ECO Course participant. We expect the building of the Pyramid to take at least 40 years to build, but that timeline can be slowed down for any reason without any loss in progress. This makes our Business Model flexible and resilient to economic and marketplace fluctuations. When the Pyramid is complete, 3.14 million people will have come together to build the world's first Global Monument.

Perhaps the most intriguing fact about the building of past Pyramids is that they were built sustainably (by today's definition). No harsh chemicals, no fossil fuels, no plastics and no emissions were used or generated in the construction of any Pyramid in the world. The USPP seeks to build the Global Monument with as little ecological footprint as possible. All our operations energy comes from Solar generated electricity, the vehicles we use have fuel efficiency, we source our supplies locally to minimize transportation CO2 emissions and we seek to generate zero plastic waste. With our projects, we seek to create a model of sustainability for the business sector to build from.

Despite being marketed as elaborate tombs, Pyramids of the Stone Age were constructed for far more practical purposes than simply being a tomb. For any society, building a Pyramid creates employment for all labor, generates Tourism which leads to economic growth and builds a sense of unity among the people who build them. It is essentially an exercise in strengthening the foundational components of any culture. We believe that building Pyramid is not just an honorific but is a tool for building a great society.



Pyramid Site Development

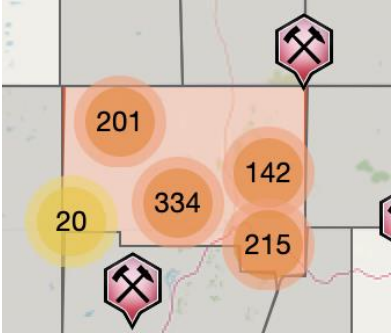
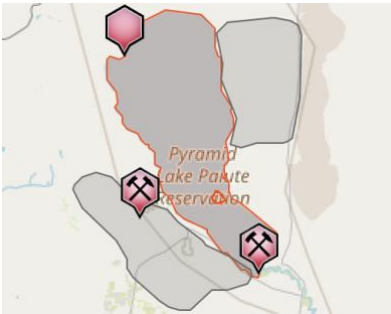
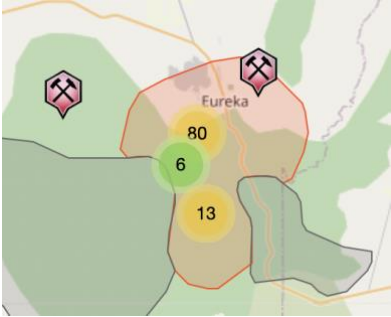
The Pyramid Site will receive development capital from the Seed Capital, Blasting Vacation and ECO Course revenues. Of the \$1 million in Seed Capital raised, \$300,000 will be invested into the Water System site and \$700,000 is invested in developing the Pyramid site. These funds will be used to get the site prepared for Blasting Vacations participants, scheduled to be executed in the Summer of 2025. We have budgeted over \$200,000 to develop the Campsite and \$60,000 for our Solar System. Blasting Vacation Sales contain the Revenue needed to complete the Pyramid Base and build a 1,618 Cube Water System in Mexico. Blasting Vacations will raise \$6,925,102 directly for the Pyramid Base construction. Campsite development, and amenities for participants. Once the Blasting Vacations are completed in the Fall of 2025, ECO Course sales will begin. ECO Course Sales contain Revenue to continually increase capacity at the Pyramid Site until it can accommodate 2,000 visitors per week; our goal is to reach this capacity by 2030. Out of the total ECO Course Sales Revenue, we have budgeted \$200 million for Campsite development and \$40 million for Solar System development.

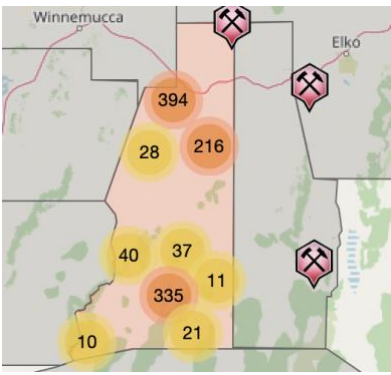
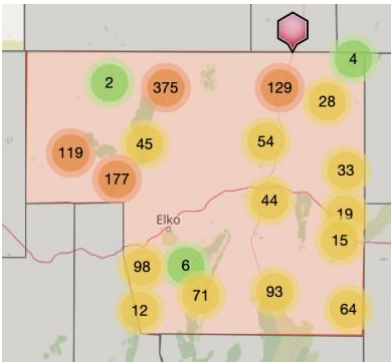
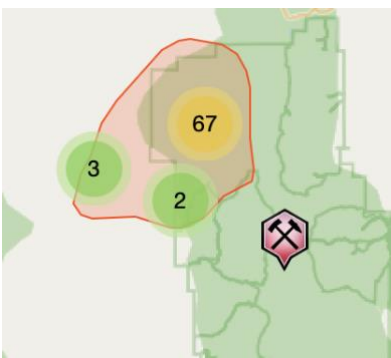
Pyramid Location

We are currently surveying Northern Nevada for a suitable place to build a Pyramid. This Region has many features that make it a suitable place to source a location:

- The region is rich with Granite that has a suitable hardness for building a Pyramid (Mohs Scale 6-7).
- There are many local granite mines available for lease because granite countertops were once quarried here, but no longer are active due to the infeasibility of the product's shipping profile.
- The area is sparsely populated and there are many locations where we could build a Pyramid without disrupting the local population.
- Northern Nevada's workforce is already skilled in the Mining Industry, making Labor sourcing easy.
- There are many granite mountains in Northern Nevada. This is important because carving out a granite base for a Pyramid to sit on is a lot less expensive and time consuming than installing Pylons to stabilize the Pyramid.
- Northern Nevada's economy is precariously dependent on industries that can be highly volatile. A monument project would stabilize the local economy and insulate it against the ups and downs of its current industries. We are currently looking at locations in Humboldt, Lander, Eureka, White Pine and Elko County.

Building a Granite Monument entails mining, quarrying and refinement of a granite block. The USPP will be joint venturing with a Mining and Quarrying company to assist us and our participants in creating and placing stones in our monument. To find a suitable Pyramid building site location, the property must offer mining infrastructure, be within 2 hours of a major airport, have access to water and be removed from residential settlements. According to Min-Dat.org, there are several jurisdictions in Northern Nevada that contain all these features:

| | | |
|---|--|--|
| <p>Humboldt County, NV</p> <p>https://www.mindat.org/loc-21928.html</p> |  | <ul style="list-style-type: none"> -Population: 18,000 (2022) -County seeking Economic Development -2 hrs from EKO Airport -3 hours from RNO Airport -Commercial Plane (>DC9) Airport in County -Over 900 Mines Currently |
| <p>Pyramid Lake, NV</p> <p>https://www.mindat.org/loc-64201.html</p> |  | <ul style="list-style-type: none"> -Population 1,900 (2022) -Granite Mountain Range -Dry Lake Beds -Native American Reservation & BLM Land mix -Less than 1 hour from RNO Airport -Granite Mine Infrastructure exists |
| <p>Eureka County, NV</p> <p>https://www.mindat.org/loc-20084.html</p> |  | <ul style="list-style-type: none"> -Population 1,900 (2022) -County seeking Economic Development -1-2 hours from EKO Airport -3 hours from RNO Airport -Over 100 Mines Currently |

| | | |
|---|--|---|
| <p>Lander County, NV</p> <p>https://www.mindat.org/loc-23771.html</p> |  | <ul style="list-style-type: none"> -Population 5,800 (2022) -County seeking Economic Development -2-3 hours from RNO Airport -2-3 hours from EKO Airport -Over 1,000 Mines Currently |
| <p>Elko County, NV</p> <p>https://www.mindat.org/loc-23927.html</p> |  | <ul style="list-style-type: none"> -Population 54,000 (2022) -County seeking Economic Development -Commercial Plane Airport in County -Over 1,000 Mines Currently |
| <p>White Pine County, NV</p> <p>https://www.mindat.org/loc-37258.html</p> |  | <ul style="list-style-type: none"> -Population: 8,800 (2022) -County seeking Economic Development -Commercial Plane Airport in County -73 Current Mines |

The {ECO} Course Certification

The ECO Certification is awarded upon completion of our seven-day-six-night all-inclusive ECO Course corporate training. We pick participants up in Yuma, AZ to build and place a Cube in our water system, then fly them up to Nevada to place a Stone in our Pyramid Monument. Throughout the trip, we deliver our ECO Course Certification education. The Administration of the building of both the Water System and the Pyramids is where attendees will learn the techniques needed to execute a sustainable project.

The execution of the building of the Pyramid Complex will generate: zero food waste, its own energy, net negative carbon emissions, zero plastic waste, and be the first project in history that produces fresh water as a byproduct of its operations. We achieve all this while also producing a profit for reinvestment in expanding operations. During their stay with us, participants actively improve the world while gaining a valuable skill set. We provide all accommodations for the seven days that participants are with us, along with providing several exceptional Seminars. ECO participants must physically complete all the elements within the itinerary to receive our ECO Certification.

ECO certification courses are priced at \$6,000 per participant. Because the USPP is a Nonprofit, and because the USPP is offering business training, our course price tag is a tax write off expense. *We will begin accepting ECO Participants in the Spring of 2026.*



USPP Product Offering Memorandum:

ECO Certification Course

| | | |
|--------------------------|---|---|
| Product Offering | 3,141,592 | 2026: ~10,000 course units |
| | ECO Course | 2027: ~20,000 course units |
| | Certification | 2028: ~35,000 course units |
| | Units | 2029: ~55,000 course units |
| | | 2030-2066: ~82,000 course units/year |
| ECO Certification | 7 Day, 6 Night | Included: |
| Course Contents | All Inclusive Corporate Training Course | <i>Meals, Transportation, Airfare, Seminars, Accommodations, Pyramid Stone Placement, Organizational Donations, Activity Credits, Water Cube Placement, Safety Gear, Pyramid T-Shirt & Certification.</i> |
| Price per Course | \$6,000.00 | Notes: |
| Payment Terms | Cash | <i>Nonprofit Status</i> |
| | Installment | <i>Corporate Training Expense</i> |
| | Wire Transfer | <i>Tax Deductible</i> |
| | Card | <i>12–72-month Installment Plans Available</i> |

Resale & Refund Terms

A \$300 Deposit is required to initiate the purchase of an ECO Certification Course. Monthly installment plans and/or a full payment will be set up 30 days after deposit is placed. At this time the Deposit becomes Non-Refundable. Payments made after the Deposit are eligible for a 90% refund; up until 30 days prior to travel. Participants may transfer their Course to any approved applicant, if made within 90 days of scheduled Course date(s). Upon transfer of a course, the original purchaser will receive a 90% refund for all non-deposit payments made towards the purchase of their Course.

ECO Course Itinerary

| | | |
|--------------|--|--|
| Day 1 | Yuma, AZ | <p>8:00am - 4:00pm: Shuttle from Yuma Airport to Yuma Hotel</p> <p>2:00pm - 4:00pm: Yuma Hotel Check-in</p> <p>5:00pm - 8:00pm: Dinner Orientation</p> |
| Day 2 | Yuma, AZ Sonora, MX | <p>6:00am - 7:15am: Breakfast</p> <p>7:30am - 11:30am: Bus ride to Sonora Site, Education along the way</p> <p>11:30am - 3:30pm: Assemble & Install Cube, lunch provided</p> <p>3:30pm - 7:30pm: Bus Ride Back to Yuma, snack along the way</p> |
| Day 3 | Yuma, AZ Eureka, NV | <p>06:00am - 08:00am: Breakfast</p> <p>08:00am - 09:00am: Shuttle from Yuma Hotel to Yuma Airport</p> <p>10:00am - 02:00pm: Flight from Yuma Airport to Elko Airport</p> <p>12:00pm - 01:00pm: In-flight lunch // In-Flight Seminar</p> <p>01:00pm - 03:00pm: Bus ride from Elko, NV to Eureka, NV</p> <p>03:00pm - 05:00pm: Check In</p> <p>05:30pm - 08:30pm: Dinner Orientation</p> |
| Day 4 | Eureka, NV | <p>06:00am - 07:00am: Breakfast</p> <p>07:00am - 08:00am: Seminar Component: Quarry or Shaping</p> <p>08:30am - 12:30pm: Field Work: Quarry or Shaping</p> <p>12:00pm - 01:00pm: Lunch on site</p> <p>01:00pm - 03:00pm: Field Work: Quarry or Shaping</p> |

| | | |
|--------------|-------------------|--|
| | | 03:30pm - 05:00pm: Paleo Psychology Seminar 05:30pm - 10:00pm: Dinner & Free Time |
| Day 5 | Eureka, NV | 06:00am - 07:00am: Breakfast 07:00am - 08:00am: Seminar Component: Quarry or Shaping 08:30am - 12:30pm: Field Work: Quarry or Shaping 12:00pm - 01:00pm: Lunch 01:00pm - 03:00pm: Field Work: Quarry or Shaping 03:30pm - 05:00pm: Ecological Businesses Seminar 05:30pm - 10:00pm: Dinner & Free Time |
| Day 6 | Eureka, NV | 06:00am - 08:00am: Breakfast 08:00am - 12:00pm: Stone Placement 12:00pm - 01:00pm: Lunch 01:00pm - 05:00pm: Stone Placement 06:00pm - 10:00pm: Celebrations & Certification Dinner |
| Day 7 | Eureka, NV | 06:00am - 08:00am: Breakfast 08:00am - 04:00pm: Bus Trip from Eureka to Elko Airport |

ECO Course Activities

During their stay with us, participants will be afforded time for extracurricular activities. Those include ATV rentals, horseback rides, theatrical productions and even hang gliding. Participants will be able to reserve these activities when they register.

Theater / Planetarium. We will construct a 200-seat amphitheater designed to function as both a Theater Stage and a Planetarium. We plan to have one Entertainment production per night and a late-night Planetarium experience directly afterwards. Entertainment features include Comedy, Plays, Concerts and Cirque Shows. This auditorium will be used for our Seminars and Safety meetings throughout the week during the daytime. We have a max capacity of 374 new Participants per day and so everyone will have the opportunity to view at least one show during their stay with us.



ATV Rentals. For hundreds of miles in any direction around our Pyramid building location are Bureau of Land Management Lands to explore. Much of this land permits ATV trail riding, and we strongly encourage visitors to check out the landscape by ATV. We will have 818 ATVs and roughly 200 of them will be available for rent at any one time. Our ATVs will seat four people and are equipped with GPS units. The GPS units on the vehicles have a panic button to send for help and are programmed to let us know if visitors have stopped moving or have traveled into Private or Restricted land. All safety gear and insurance will be included in the rental fee, and all rentals will require a signed waiver of liability.



Hang Gliding. Most people don't think of soaring mountains when they think of Nevada, but that is the predominant feature of Northern Nevada. Our monument building site will offer several Hang-Gliding launch locations. This unparalleled experience allows you to see Nevada from the point of view of a soaring hawk. Purchase price will include a Tandem Launch, travel to and from the launch site, all required equipment and insurance. Our Gliders will come equipped with a Camera that allows you to record your flight. All rental flight packages require a release to be signed.



Obstacle Course. We have an epic obstacle course planned for visitors. The course will include water hazards, climbing structures, balancing challenges, and sensory deprivation challenges. We plan to continually add to this obstacle course with the eventual goal of being the World's largest obstacle course. Visitors and Builders can complete this obstacle course for fun or for exercise. We have set aside time at this facility for casual engagement and exploration. Whatever experience the participant is looking for, this facility is an awesome challenge worth trying. We require a signed waiver of liability.



Food Truck Alley. Many towns in Nevada were established in the 1800's- the same time as the State of Nevada! Many of the Historical buildings still stand in the many of the rural towns of Nevada. To give participants a chance to see local Nevada, we plan to have Food Trucks from around Northern Nevada line up in the Historic downtown for dinner. The Food is fantastic, but the atmosphere of a block party takes this Dining experience over the top. Dinner is offered at the campsite, but if a participant chooses to go to Food Truck Alley for Dinner instead, they will receive a \$30 voucher.



Horseback Rides. Nevada has a beautiful landscape to explore by horseback, has a thriving culture of horseback riding and uses horses as partners in agriculture. Horses can have a therapeutic effect on those struggling with mental and emotional obstacles. We are big advocates of looking to Nature for healing. Horses offer a unique engagement between man & animal that can be highly rewarding. Participants wishing to go on a horseback ride will be partnered with a certified local resident for a ride. The cowboy experience includes going on a cattle activity with a local rancher.



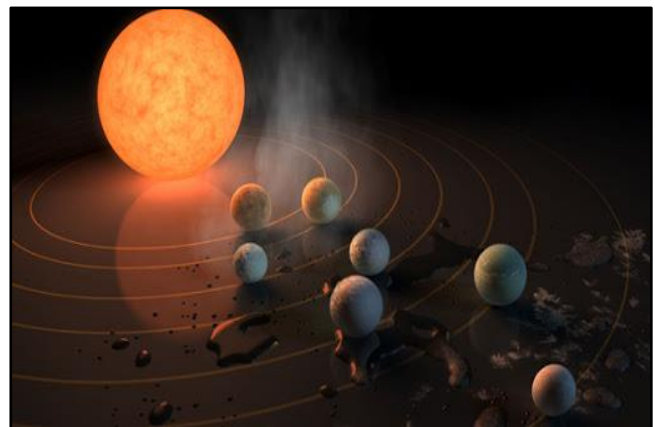
ECO Course Seminars

Paleo Psychology Seminar. Our brains and biological functions have been honed over countless millennia to ensure our survival, employing an array of intricate and sophisticated methods to navigate the world. However, the technological surge of the 21st Century has thrust this age-old system into an unfamiliar digital realm. Understandably, this transition has been fraught with both tangible and philosophical hurdles. Paleo Neural Psychology offers participants a deeper understanding of our inherent cognitive programming, unveiling its inherent wisdom as well as the occasional malfunctions in its neural networks. This insightful approach opens limitless possibilities for human discovery and self-understanding.



Despite the enormous strides made by civilization in a comparably short span, vital mechanisms that have ensured our survival are now potential sources of daily distress. Systems that once thrived in the tranquility of the forest are being tested to their limits, struggling to distinguish between danger and safety amidst the hustle and bustle of modern cities. The escalating rates of depression, anxiety, mental disorders, and general life dissatisfaction clearly point to an imbalance in our neurochemistry and functionality. Paleo Neural Psychology sheds light on these dysfunctions, providing you with the necessary tools to address them. We offer a 90-minute seminar to all ECO participants, highlighting how our brain is akin to a programmable software, implying that it can be reprogrammed, given a basic understanding of its workings.

Elliptical Business Model Seminar. Modern economies are fundamentally built on the principle of perpetual growth. For several millennia, this model has been successful due to the availability of untapped resources and the potential for geographic expansion. However, in today's world, with diminishing resources and space constraints, this model is no longer viable for sustained economic expansion. As such, we need a new blueprint for economic progress. So, what's the solution? In light of our inability to constantly expand our economies, it's time to embrace the circular economic model. To clarify, we are not advocating for a Socialist economic system. Indeed, Capitalism will remain the engine that drives our economy. Wealth will be determined by who can most efficiently recycle resources within our economy, rather than who can sell the most resources for the least price. This type of circular economy cultivates a stable, sustainable economic dynamic between consumers and businesses, mirroring the orbital relationship between planets and the sun in our solar system.



Kepler Economics. Today's economy is predicated on expansion and new resource acquisition; a concept that is quickly becoming unsustainable for everyday commodities. In the Kepler Economic Model, economic boundaries are asserted by resource limitations, changing the inherent dynamics of how our economy will operate. Our envisioned Kepler Economics is the macroeconomic umbrella that Elliptical Businesses exist within. While an Elliptical Business directly interacts with the consumer, Kepler Economics is the framework in which they both operate,



Currently, businesses amass wealth by securing more resources at cheaper prices. As new resources become scarce, this business model will eventually become obsolete. Businesses of tomorrow will need to encourage consumers to return used products for remanufacturing. To gain relevance in the future economy, businesses must outdo their competitors in efficiency and recycling. Given the finite number of base materials in the supply chain, it is the likely logical economic model that we are headed towards. The dynamic cyclical characteristics of this future economy largely mimic the dynamics of our Solar System, which is why we gave it the name Kepler Economics.

This shift will lead to a redefined relationship between consumer and producer. Nowadays, most consumer-producer interactions are anonymous; consumers buy products, use them, and dispose of them. But moving forward, purchasing decisions will be influenced by the ease and cost of returning used products. This will lead to a more personal relationship between consumers and companies, akin to a social relationship. Like the universe, where every component is continually moving to where it belongs, economies also must continually adjust and rebalance. As such, economies should follow the universe's lead and allow for flexibility and constant reorganization.

Positive Citations. Our Security Team will execute enforcement of our community using our model of policing called Positive Citations. In the Positive Citations program, Infractions are handed out for violations, and gift cards are handed out to people observed going above and beyond. While negative reinforcement has proven to be effective, it is only marginally so. We believe that robust policing involves both actively building up functioning parts of the Community while mitigating dysfunctional components. While the goal of this program is to decrease negative behaviors, another intended outcome of this program is to create a more positive experience for the Law Enforcement Officer, further making the security of our Project a robust one.



Special Projects Seminars

Nuclear Diamonds. There are approximately 90 metric tons of Nuclear Waste Materials in the US. Statistically, anywhere you live in America, you are likely near a Nuclear Storage Facility Location. Nearly all the Nuclear Storage sites in America are past their lifespan, and so the Federal Government is moving most of these materials to Yucca Mountain, NV. Conceivably, we could turn that nuclear waste into 5,000-year batteries. If you extract the Carbon 14 and press it into a Diamond, the internal lattice structure of the diamond will collect energy from the radiation. That energy can be conducted to create a battery out of that diamond. The half-life of carbon is 6,00 years and so the battery would generate energy for 5,000-10,000 years. It will take 10-30 years to obtain permitting and build the factory that could produce a nuclear diamond. It would take an additional 3-5 years to bring the diamonds to test the Diamond Battery and bring it to market. It is our hope that by the time the Pyramid is completed, we will be able to light it with Nuclear Diamonds, ensuring it will be lit for thousands of years to come.

Piezoelectric Crystals. We've known for a long time that Crystals collect a negative charge, and if you apply pressure, that charge discharges. We are looking at this technology in a brand new way. By adding metallic elements to blocks of Crystal, we've created a building material for the foundation of a structure that would produce an endless low level of electricity. This makes this building material truly special, and we're working on the manufacturing, and developing the market for this new building material. It will take 1-3 years to build the factory that will produce these blocks. It will take 3-5 years to bring the blocks to market and take 1-3 years to test the Crystal Block product. We hope to place these blocks in our Pyramid in a top layer to ensure the lighting of the Pyramid for thousands of years. Our final manufacturing design, and our final pyramid block design will be patented by the USPP.

THC Crowd Dispersal. The THC Bomb is a canister disbursement unit with nearly 10,000 mg of aerosolized bioactive THC into the surrounding air. It was developed to replace current crowd disbursement weapons like tear gas, which is biologically harmful and unnecessarily dramatic. A THC bomb will sedate a small crowd for 15-45 minutes, enough time for law enforcement to gain control of the immediate area. Since the THC is nanosized, the molecule works instantaneously, and burns out of the body within the hour, with peak effects at 15 minutes.

Project Goals: The Great 8

Global Water Equilibrium

Water is the foundation of all climate change solutions. Water can generate electricity, is a transportation route, enables all manufacturing, grows crops, cleans the environment, grows forests, supports CO₂ uptake, and is critical to all carbon-based lifeforms on Earth. Overdrawing lakes, rivers, and groundwater aquifers strains the ability of nature to sustain itself—and us. Our collective reliance on groundwater needs to dramatically decrease if we want our environment to be ecologically balanced. We believe that if water resources are replenished and managed properly, most of the myriad issues caused by climate change will quite literally solve themselves. Because of this, the USPP's number one goal is solving the global freshwater crisis by generating and restoring water resources.

The USPP has a comprehensive plan to drastically reduce groundwater drawn by producing new freshwater with the EARTH System. This new water will support the operations of an entire small city and virtually eliminate the need to draw from groundwater aquifers. Once a viable new sustainable source of freshwater is established with the EARTH System, the USPP will export the EARTH System Intellectual Property to achieve large scale freshwater production. Water was the first goal of the USPP and is key to achieving its 'Great Eight' goals. The other seven goals are: to restore the ozone layer, achieve global net-zero CO₂ emissions, restore the Colorado River, stop sea-level rise, restore global forest functionality, build a global monument, and certify 3.14 million citizens in corporate sustainability. Our goals may sound overly ambitious but remember that achieving our water goal will lead to our other goals being achieved.

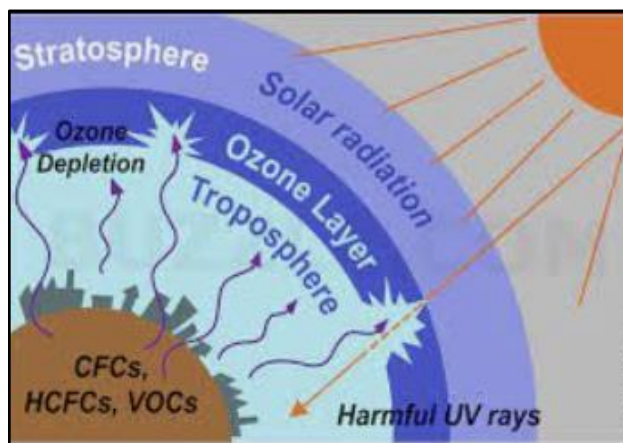
1) Solve the Global Freshwater Crisis.

The EARTH System can produce freshwater for any Municipality that lies within the equatorial zone, is on a coastline, has shrimp farming infrastructure, and water distribution infrastructure. Installing EARTH Systems in these cities will solve the global freshwater crisis in the most strategic way. The equatorial zone has optimal conditions for our technology and just so happens to be the region that is in most need of more freshwater. As these regions stabilize their water supply, they will be able to sell surplus water inland, effectively making these coastal cities a new water distribution point. The USPP will build its first system at the mouth of the Colorado River. This site will house up to 1 billion Cubes and can produce enough water to refill Lake Mead every year, effectively restoring the Colorado River. Our first System will be 3.14 million Cubes, and will produce enough water to restore the Colorado River from the Morelos Dam South, which is currently all dry riverbed. The USPP will be partnering with a global manufacturing partner to assist small cities in engineering EARTH Systems for their city. This will allow us to achieve our ambitious goal of having 5,000 EARTH Systems in operation or under construction by 2050; the number we need to stabilize the effects of climate change.



2) Restore the Ozone Layer.

The ozone layer is a part of the atmosphere (the stratosphere) where ozone gets trapped. This trapped ozone forms a solar radiation shield around the Earth. Chemicals emitted since the Industrial Revolution have caused a depletion in the ozone layer. The consequences of this include increased radiation, lower crop yields, early death of carbon-based lifeforms, and increased global temperatures. Lightning is one of the few ways that ozone is created and generating lightning is one of the simplest ways to restore the ozone layer. One by-product of the EARTH System is freshwater evaporation; the very thing that creates the conditions for lightning. When we take in ocean water to desalinate, only about 30% of that water is converted to freshwater. The remaining hypersaline water is piped to evaporation beds where 95% of it will evaporate into the atmosphere as freshwater. The water gets absorbed as humidity and the friction of this process produces the conditions for lightning. As more EARTH Systems are installed around the planet, lightning frequency will increase and help restore the ozone layer.



3) Achieve Global Net-Zero CO₂ Emissions.

The world emits 40 gigatons of CO₂ annually and it is our goal to sequester the same amount on an annual basis. Each EARTH System site location will plant 10 million Empress trees per year, sequestering 1 megaton of CO₂ annually. After eight years, the Empress tree will be ready for harvest and a new tree will be planted in its place. This means that each EARTH System location will continuously farm 70 million trees after year 8 of operation. The USPP has a goal to have 5,000 EARTH System site locations collectively farming 350 billion trees, which will sequester 40 gigatons of CO₂ per year. Besides helping us reach global CO₂ equilibrium, the tree's sizable root system will hold the soil down throughout the year, preventing further releases of carbon due to seasonally exposed soil. The trees will be planted on agricultural plots so they can be attended to by local farmers who know the region's agronomy best. These measures give our trees the best chance at living 8 years and create a sustainable agricultural & wood products industry. Farmers can make additional income by planting crops in between the trees, which have a 12' spacing. The shade from these trees will increase the yields of those crops. This operation will be funded by ECO Course Revenue and be irrigated with EARTH System water.



4) Restore the Colorado River & the Cocopah Nation.

The Colorado River is essentially dry from Yuma, AZ to the Sea of Cortez. The river and the region ancestrally belonged to the Cocopah Tribe. The cessation of the river has dealt a devastating blow to their Culture and the Region's ECO System. The Colorado River Delta is/was the world's Third Largest wetland habit. Recently, Mexico has declared this area to be environmentally protected. The USPP aims to restore the flow of the Colorado River from the Morelos Dam South by producing 6-15 billion gallons of freshwater per year at its proposed site near the Sea of Cortez and piping it 80-miles North to the Dam. We believe there are many environmental and Native American groups who share a mutual desire to restore these Lands. The USPP will seek out partnerships with those entities to accomplish this extraordinary goal.



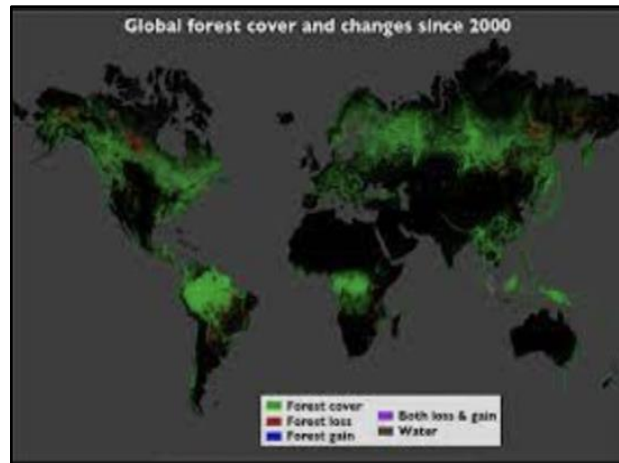
5) Stop Sea Level Rise.

The principal cause of sea-level rise is melting polar ice caps, which is caused by an increase in global temperature. That temperature increase is due to both higher levels of CO₂ & methane in our atmosphere, and having a thinner ozone layer. A high atmospheric concentration of carbon is our principal focus right now, but soon methane will become our biggest problem. There is a planet-destroying level of methane currently sequestered in the permafrost layer, primarily in Siberia. If this layer warms past freezing, the methane will begin releasing and there isn't anything we can do to stop it at that point. All we can do is try to capture as much carbon as we can and avoid warming the permafrost layer. 5,000 EARTH Systems will capture 40 gigatons of CO₂ from the atmosphere and take trillions of gallons of water out of the ocean. The CO₂ capture will lower the temperature of the planet enough to cause ice cap reconstitution, which will in turn, stop sea level rise and the potentially deadly defrosting of the permafrost layer..



6) Restore Global Forest Functionality.

The Planet has lost half of its trees in the last 200 years; approximately 3 trillion trees. All EARTH System site locations will continuously plant trees. Those operations will be funded through ECO Course sales and the water will be supplied by the EARTH System. Trees are harvested every 8 years, and a new tree is planted upon its harvest. Our goal is to develop 5,000 EARTH System site locations containing a cumulative tree farming operation of 350 billion trees per year. These trees will reliably sequester CO₂, be planted on local agricultural plots, and be tended to by local farmers. Not only will these tree farms lock up Carbon and create sustainable agricultural jobs; the shade from these trees will go a long way to cooling down the region, preserving life-giving soil, and producing life-saving oxygen. Another benefit of our tree farming operation is that we will drive down demand for natural tree harvesting by increasing the supply of lumber on the market, further aiding the global forest restoration effort. Our trees only replace 10% of what our planet has lost; but they will go a long way in replacing the functions of those lost forests.



7) Execute 3.14 million ECO Course Certifications.

The ECO Certification Course is a one-week all-inclusive comprehensive training course that takes place at both our EARTH System site and Pyramid Building Site locations. ECO participants will tour our sustainability systems, actively help build them, and go through several seminars along the way. At the end of the Course, participants will help construct our Global Monument. This includes quarrying, shaping, and physically placing a granite stone in our Pyramid Complex. The ECO certification course is designed to jumpstart individual participation in climate change and give society a template from which to build a promising future on. The USPP believes that a true solution to climate change includes building a positive relationship between us and the environment, and we think that getting your hands in the dirt is a good way to start that process. ECO course certification will begin in Summer 2026.



8) Build a Global Monument.

It is crazy to think that we would know very little about civilizations that existed thousands of years ago had they not constructed massive monuments. It is even crazier to think that a few thousand years from now, proof of our own civilization might not exist. Pyramid structures are a testament to an advanced civilization's existence and a worthy endeavor for any society to pursue. Pyramid building projects of the past employed off-season agricultural workers, promoted tourism/economy, were sustainable and taught their builders a multitude of critical skill sets. Most importantly, constructing a Pyramid creates a common cause that promotes unity among the people who build it. The USPP has a goal of constructing a pyramid complex monument in honor of our accomplishments as a civilization and to demonstrate our advanced aspirations for thousands of years to come. The complex will contain 3.14 million stones and be constructed by 3.14 million people from around the world, making this Pyramid complex our Planets' first Global Monument.

