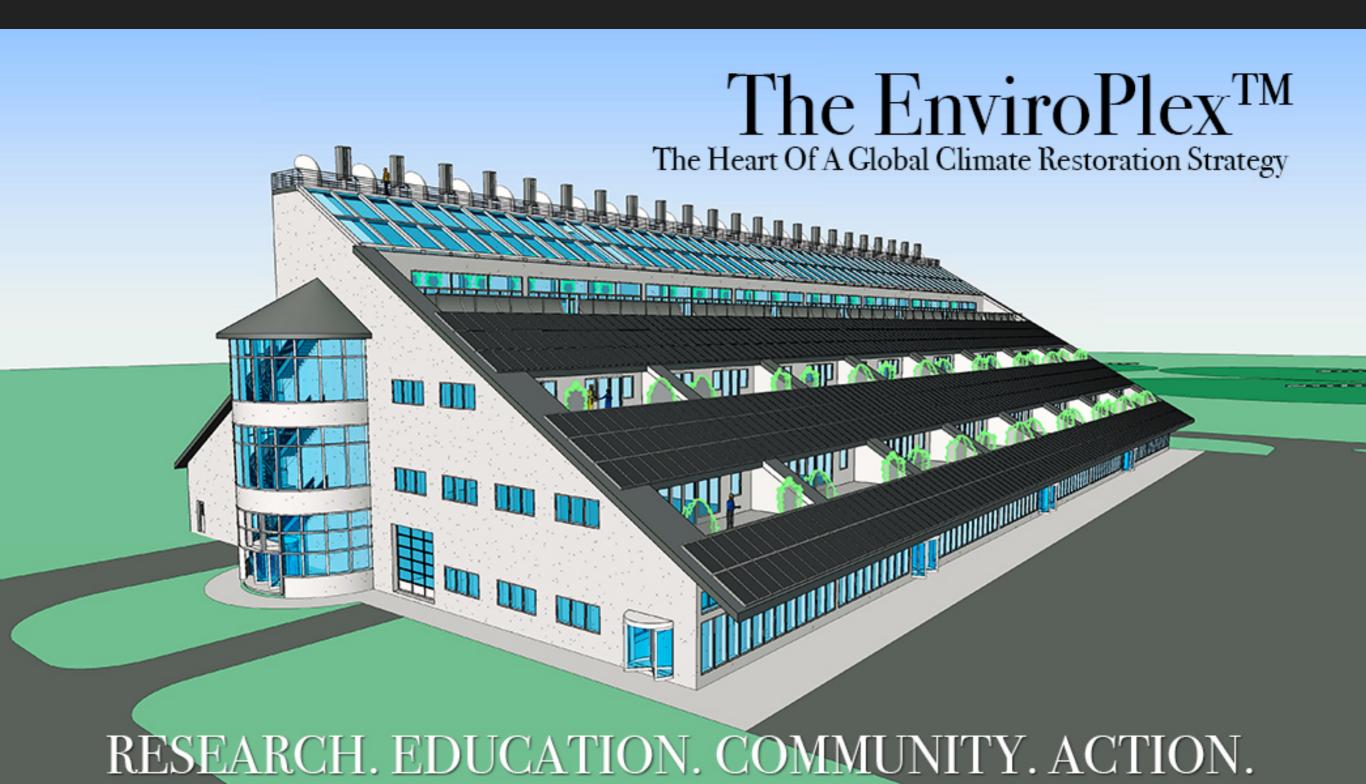
SACRED EARTH ENTERPRISES



WHAT IS CLIMATE RESTORATION?

- Climate restoration is the urgent global endeavor to return the Earth's climate systems to the safe and healthy state from which humanity and our natural world evolved.
- This requires returning atmospheric CO2 to proven safe levels of less than 300 parts per million, and restoring sufficient Arctic sea ice to prevent permafrost melt and the resulting catastrophic methane emissions.
- Climate restoration is complementary to ongoing CO2 emission-reduction and mitigation efforts, can be profitable, and is attracting the attention of impact investors.
- Sacred Earth Enterprises is committed to restoring Earth's climate and ensuring a safe, habitable planet for our children and grandchildren.

COMPANY OVERVIEW

- The Company is a Colorado-based startup with a global vision. We will help countries and communities reach their sustainable development goals, increase food security, mitigate climate damage, generate substantial return on investment and more.
- Over the past five years, the Company and its affiliates have developed proprietary technological designs that address a \$10 billion+ market opportunity.
- The Company has designed modular, mass-producible, rapid-deployment climate restoration systems which will remove carbon dioxide from the atmosphere while providing food, shelter, employment and economic, environmental, educational, social and health benefits to the communities in which it is deployed.
- Our evolving team includes experts in the fields of systems design and integration, regenerative
 agriculture, permaculture, direct-air carbon capture, green architecture, alternative energy, 3D
 printing, blockchain technology, corporate law and business.
- The Company has developed important affiliations with the eXpert Company, Inc (regenerative organic farming), The Foundation for Climate Restoration, The Healthy Climate Alliance, The Institute of Ecolonomics, and related business entities and academic institutions.

OUR MISSION

- Reduce the amount of fossil carbon in Earth's atmosphere, increase food security, provide jobs and shelter, eliminate avoidable human health costs and mitigate climate damage.
- Research, design, develop, license, manufacture, market and manage the world's most effective climate restoration technologies and strategies.
- Advise philanthropic organizations, impact investors, community and business leaders and heads of state on strategic options and emerging investment opportunities.
- Realize abundant profits for our investors, strategic partners and customers, while restoring a healthy planet for future generations.



THE PROBLEM

PLANET EARTH FACES IMMINENT, IRREVERSIBLE CLIMATE DAMAGE CAUSED BY EXTREME WEATHER, CATASTROPHIC FIRES AND SEA-LEVEL RISE THAT IS ALREADY TRIGGERING AN UNPRECEDENTED GLOBAL REFUGEE CRISIS.

THE CAUSE

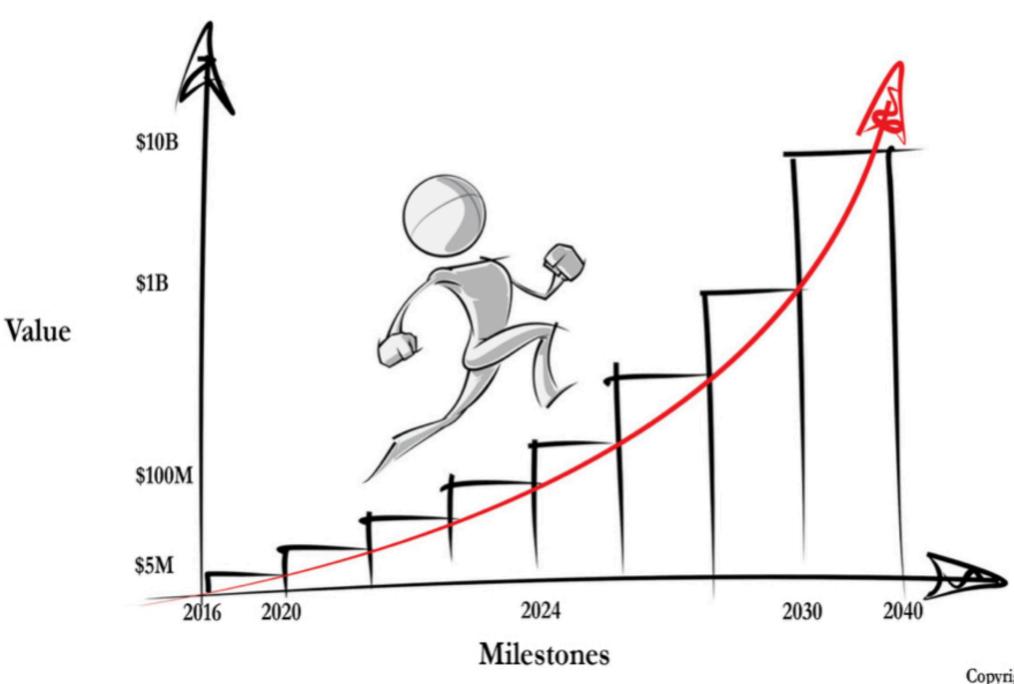
SINCE THE 1700S, HUMAN ACTIVITIES HAVE RELEASED AN ESTIMATED ONE TRILLION TONS OF CARBON DIOXIDE INTO EARTH'S ATMOSPHERE.

THE SOLUTION

- The trillion tons of excess carbon dioxide in the atmosphere is the mining opportunity of the millennium. Integrating photosynthesis, biology and chemical engineering, the Company reframes a dangerous "problem" into an array of profitable opportunities.
- Anyone paying attention knows we must STOP RELEASING greenhouse gases (GHGs) into the atmosphere. Additionally, we must immediately START REMOVING GHGs from the atmosphere.
- Our installations will do both. Deployed at scale, they will reduce the net amount of GHGs emitted into the atmosphere, while removing carbon dioxide from the air and converting it into organic food and fertilizer, "green concrete," high-value crops, fuels, soil additives, carbon-fiber products and other valuable merchandise.
- In collaboration with our affiliated companies, we can help to restore Earth's climate and return large-scale food production to its original chemical-free natural state.
- At the 2020 World Economic Forum in Davos, Switzerland, climate restoration was described as a "multi-trillion-dollar market opportunity."

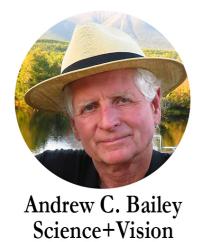
CLIMATE RESTORATION

AN EXPONENTIAL GLOBAL BUSINESS OPPORTUNITY



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PRODUCTS and PROJECTS

- The Company's proprietary products are the *Carbon Capture Module*™, the *EnviroPlex*™ (several versions) and the *BAILEY Synergy Tower*™. Other projects include co-ventures with the *EnviroFarm*™ and the proposed *EnviroVillage*™ co-housing network.
- The Carbon Capture Module™ (CCM™) is a multi-purpose, mass-producible 36 ft. X 9 ft. X 2 ft. structural wall array which removes CO2 from the air. The CO2 is converted to a stable, harmless, water-soluble compound and stored in a holding tank awaiting water recovery, concentration and conversion to marketable materials.
- The full-scale EnviroPlex™ is a 1-acre 150 ft. X 300 ft. modular mass-producible building which uses multiple CCM™ units and provides economic, environmental, educational, social and health benefits to the community in which it is installed. The basic shell can be erected in less than a week on a perimeter foundation. Its primary functions are large-scale air purification and organic food production while permanently capturing and re-purposing the atmospheric CO2 passing through it.
- The EnviroPlex™ will generate marketable secondary products from the captured CO2, such as organic fertilizer (in the case of the livestock-based version), organic food, high-value crops, fuels, building materials, soil additives and carbon-fiber composites for 3D printing. It will also provide leasable pollution-free indoor space at least 50,000 sq. ft. per unit for a wide variety of applications.

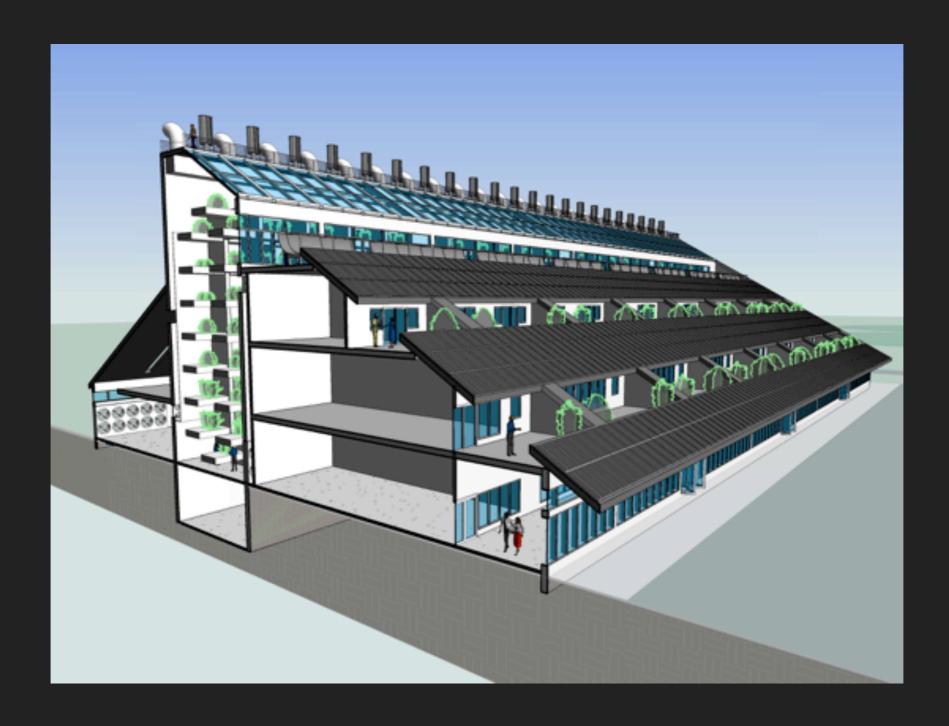
WHAT THE CARBON CAPTURE MODULE™ DOES

- The Carbon Capture Module TM (CCM TM) removes CO2 from the atmosphere.
- The captured CO2 is converted to marketable derivative products: high-value crops, soil additives, heating fuels, building materials and carbon-fiber composite materials for 3D printing.
- The CCM™ runs on low-cost, common chemicals, water (including seawater) and renewable energy.
- At no additional cost, the CCM[™] provides cool, clean, moist interior air in hot, dry climates like the American Southwest, the Middle East and much of India, China, Africa and Australia.
- $CCMs^{TM}$ can serve as aesthetically-pleasing structural wall components for desert oases, urban parks, community gardens, colleges, hospitals, residential buildings, greenhouses, sporting facilities, factories, warehouses etc, as well as the $EnviroPlex^{TM}$.
- The CCM™ presents a very large global manufacturing and marketing opportunity.
- Industrial-scale CCM™ installations will create significant return on investment while having a high future-positive environmental impact.



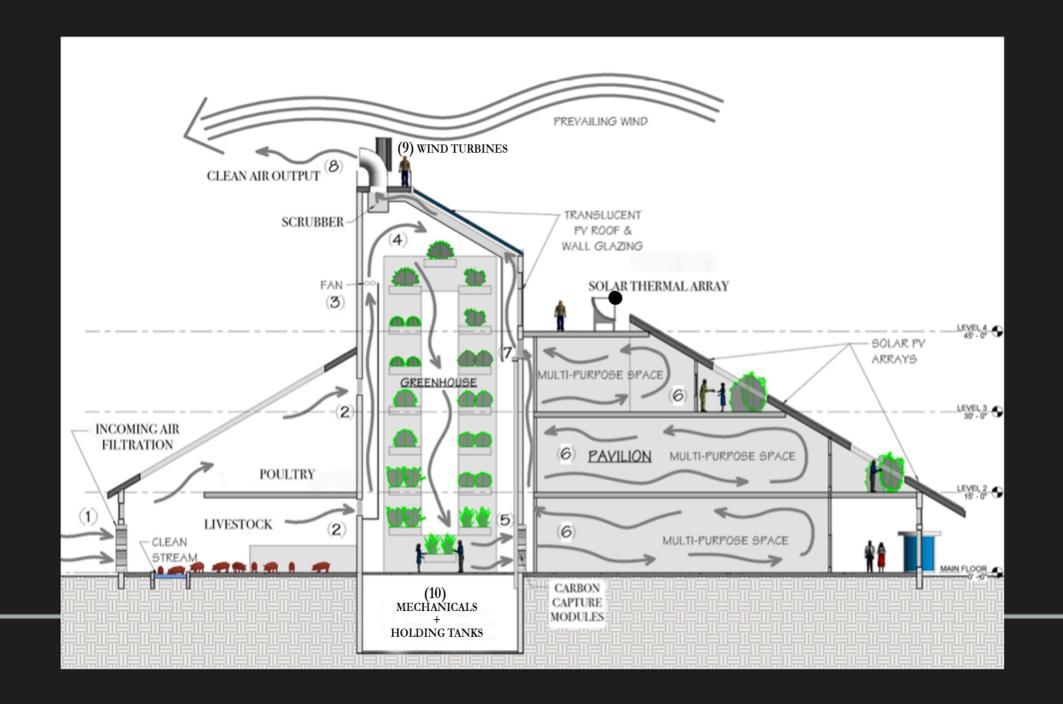
The EnviroPlexTM

A modular, mass-producible installation which integrates organic agriculture with CO2 removal. It is a 45,000 sq ft net-zero building with three main components: the Barn/Factory/Market, the Greenhouse/Vertical Farm and the Multi-Use Pavilion. It purifies polluted air and captures CO2 from the atmosphere using a combination of photosynthesis and multiple *Carbon Capture Modules* TM.



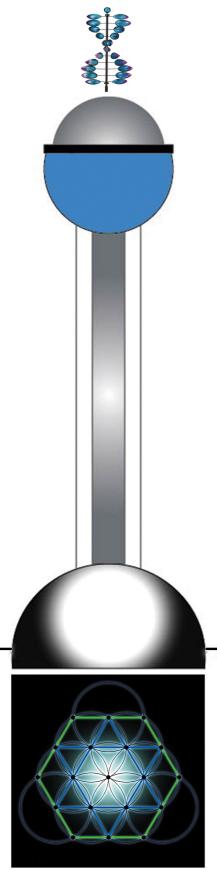
CROSS-SECTION OF THE ENVIROPLEXTM

L. TO R: ENVIROBARN, GREENHOUSE/VERTICAL FARM, MULTI-PURPOSE PAVILION



CROSS-SECTION OF THE ENVIROPLEXTM

L. TO R: ENVIROBARN, GREENHOUSE/VERTICAL FARM, MULTI-PURPOSE PAVILION



The BAILEY Synergy Tower™ is a 150 - 250 ft aesthetically-pleasing installation which integrates three separate renewable electricity generators: a downdraft wind turbine, a vertical solar photovoltaic array and a vertical axis wind turbine. The dome-shaped lower building is also wrapped in photovoltaic material. Excess electricity is stored for later use by a gravity-powered "water battery." Water is pumped up to a water storage tank using excess renewable electricity. The stored energy is converted back to electricity on demand using micro-hydro generator/s. The system captures rainfall, stores and pressurizes the community water supply and provides configurable multi-purpose space in the lower dome.

PRINCIPAL COMPONENTS (top to bottom)

- 1. <u>Vertical Axis Wind Turbine</u>: the uppermost assembly is a state-of-the-art turbine that captures wind energy and converts it to electricity.
- 2. <u>Service Platform</u>: Via an exterior elevator on the north side of the tower, the platform provides access to the wind turbine mechanisms and the downdraft tower's water spray system.
- 3. <u>The Water Storage Tank</u> is like the common towers providing water pressure to rural communities with one huge difference: the tank has a hollow center, allowing for the downdraft shaft and associated mechanisms.
- 4. <u>Downdraft Shaft</u>: A fine spray of water cools and humidifies the upper air. Cool moist air is heavier than the surrounding air. From the top of the water storage tank to the top of the multi-use building, the +/- 150 ft. shaft channels cool descending air down to the downdraft turbine which converts the resulting "wind" to electricity and provides cool moist air where needed.
- 5. <u>Structural Exoskeleton</u>: The weight and torque of the water storage tank and vertical axis wind turbine is supported by a strong, lightweight exterior lattice.
- 6. <u>Vertical Solar PV Array</u>: The southeast, south and southwest faces of the tower support an array of solar PV panels angled for optimum exposure to the sun.
- 7. <u>Multi-use Building</u>: The lower dome houses the various control mechanisms of the system and provides space for offices, laboratories and gathering places. The south-facing facets of the dome are clad in photovoltaic tiles.
- 8. The Footprint of the Synergy TowerTM is an ancient sacred geometry grid which is replicated throughout the structure's cross-section. Aside from its esthetic beauty and morphic resonance effect, it also happens to be the strongest engineering configuration in existence.

SYNERGY

- 1. The interaction of two or more systems, substances or other agents to produce a combined effect greater than the sum of their separate effects.
- 2. The universal constructive principal of nature.

HOW DO WE KNOW OUR SYSTEMS WILL WORK?

- The livestock-based agricultural component of the Company is well-established. The underlying technology was patented in 2008 and was the subject of a \$2.4M multi-site USDA/NRCS Conservation Innovation Grant reported in 2013. Installations are currently operating on 30+ farms in the American Midwest.
- The chemistry and chemical engineering of carbon-capture are well-established and relatively simple. Other ventures are already using related techniques. For example:
- Climeworks, Switzerland, is extracting CO2 from the atmosphere and selling it to a nearby greenhouse operation.
- Carbon Engineering, Vancouver BC, has a pilot plant operating, with plans to capture CO2 and convert it into transportation fuels.
- Blue Planet, Silicon Valley, is permanently sequestering carbon by converting it to concrete aggregate.
- Global Thermostat, Silicon Valley, is successfully pulling CO2 out of the atmosphere. Their business model
 calls for selling it to fracking companies, the oil industry and the beverage industry.
- Julie Ann Wrigley's Sustainability Institute at Arizona State University is conducting successful carbon-capture research and has a global vision for climate change mitigation.

WHAT MAKES US DIFFERENT?

- Carbon capture and sequestration is expected to be very expensive to communities and countries. Our private-enterprise model is intended to be profitable for all concerned.
- Most current carbon-capture ventures allow the captured CO2 to return to the atmosphere
 in short order. The CO2 is captured, converted, sold for profit and burned or released. Net
 positive climate effect: zero.
- Our most fundamental principal is this: none of the CO2 we capture is ever allowed to escape. It is converted to products that permanently sequester it. If we convert some of the CO2 into heating fuel, it will be burned in a closed-cycle system.
- Our systems will be custom-configured for local conditions and needs. They are not ugly factories. They are attractive buildings, permaculture gardens and organic farms that communities will welcome into their midst. Each EnviroPlex™ will become a vibrant community center.
- First, we are thinking globally, while acting locally. And then we are going to act globally.

THE MARKET OPPORTUNITY

- In 2015, almost 200 countries signed a binding greenhouse gas reduction commitment: the Paris Climate Agreement.
- Five years later, how many of those countries have a realistic program in place? Can you name one? They simply do not know what to do. It's "bad for business" or "too expensive" and is being opposed by right-wing corporate interests.
- Every one of those countries, and every municipality in each of those countries, is a
 potential customer for our affordable, food-and-profit-generating, climate-friendly
 systems, products and services.
- There may be no viable competition at this point in time. No one seems to be thinking at the audacious global scale that the Company is. Consequently, we may have significant first-mover advantage!
- We are convinced that we are addressing a multi-billion dollar business opportunity.

REVENUE STREAMS

- We will generate revenue by manufacturing, selling, installing and maintaining Carbon Capture $Modules^{TM}$ which have numerous applications in addition to the $EnviroPlex^{TM}$.
- We will generate revenue by manufacturing, selling, installing and maintaining $EnviroPlex^{TM}$ units, which incorporate multiple $Carbon\ Capture\ Modules^{TM}$.
- We will generate additional revenue by: (1) Manufacturing and selling carbon-based downstream products such as organic fertilizer and foods, high-value crops, fuels, soil additives, building materials and carbon-fiber composites for 3D printing. (2) Leasing space (up to 50,000 sq. ft. per EnviroPlex™) to businesses, institutions, artists, entrepreneurs and other appropriate tenants. (3) We plan to build co-housing eco-villages with concrete derived from atmospheric CO2.
- We will also generate revenue by partnering with entities such as the eXpert Company, Inc (large-scale regenerative agriculture), municipalities, colleges and our tenants.
- We address a number of universal needs: clean air, pure water, fertile soil, healthy food, safe shelter, clean energy, education, employment, etc, all of which have revenue potential.

FUNDING GOALS + ACTION STEPS

- GOAL #1: A \$10M proof-of-concept/business development fund, including but not limited to tax-deductible donations via our fiscal sponsor The Earth Restoration Alliance, Inc, a 501(c)3 not-for-profit organization. Within 24-36 months of funding, we plan to:
- Secure a 5-100 acre rural property and build a Climate Restoration Institute: a research, teaching, training, demonstration and venture-launch facility.
- Conduct venture engineering: develop business plans, pro formas, technology roadmaps and corporate strategy to ensure long-term success.
- Build business infrastructure and inter-business relationships.
- Research and develop global manufacturing and marketing strategies.
- Investigate and design secure, efficient blockchain-based financial structures.
- Identify and hire competent, experienced core operating and research/education team.
- Clarify branding, entity, legal, licensing and intellectual property issues.

FUNDING GOALS + ACTION STEPS (CONT'D)

- Conduct all necessary R & D work, including down-stream product options.
- Develop realistic 2-, 5- and 10-year financial projections.
- Build full-size demonstration prototypes of the Carbon Capture ModuleTM, install them in an experimental $EnviroPlex^{TM}$, and run data tests to determine optimum chemistry and effectiveness.
- Develop architectural and engineering plans and cost accounting for a fully-operational mass-producible $EnviroPlex^{TM}$.
- Design a rapid-deployment production system capable of taking the venture to scale within the shortest possible timeframe.
- Lay the groundwork for a \$100M equity partnership.
- GOAL #2: A \$100M equity partnership or other arrangement leading to exponential global deployment within 48 months of launch.

FINANCIAL PROJECTIONS

- We are developing cost projections for Phase One: the Climate Restoration Institute. Budget \$10M.
- The cost breakdown will include land purchase/lease, infrastructure, architecture and permitting, construction, research & development, prototyping, proof-of-concept data collection, legal and consulting fees, business plans, realistic 2-, 5- and 10 year financial projections, venture engineering, team compensation and full-scale preparation for venture launch.
- Estimated timeframe for Phase One: 24 -36 months.
- Upon completion of Phase One, the Company will be ready for Phase Two:
 A \$100M global launch within 48 60 months.

FINAL WORD

Sacred Earth Enterprises is an ambitious, unprecedented and essential venture. In collaboration with visionary philanthropists, impact investors, educators, partners and affiliates, the Company will have a powerful and positive impact on the future of our planet. Our goal is nothing less than the restoration of a safe, habitable planet for future generations. Together, we can do it!

Onward and upward!

Thank you!
The Sacred Earth Team

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