



In Memoriam of His Work

Kent Bingham, A Disney Chief Engineer during the construction of EPCOT, invented an Atmospheric Water Generator during his retirement. Although he passed away from a heart attack several years ago, his work continues to benefit us.

01 WATER

02 HYDROGEN

03 CARBON

Research Venture Focus

Initial research will be an Oasis machine that Kent Invented

Prototype Manufacturing

Once a prototype is ready for manufacturing, the next steps will include a Carbon Capture machine

The Problem Rivers and Lakes Depletion of Water Worldwide



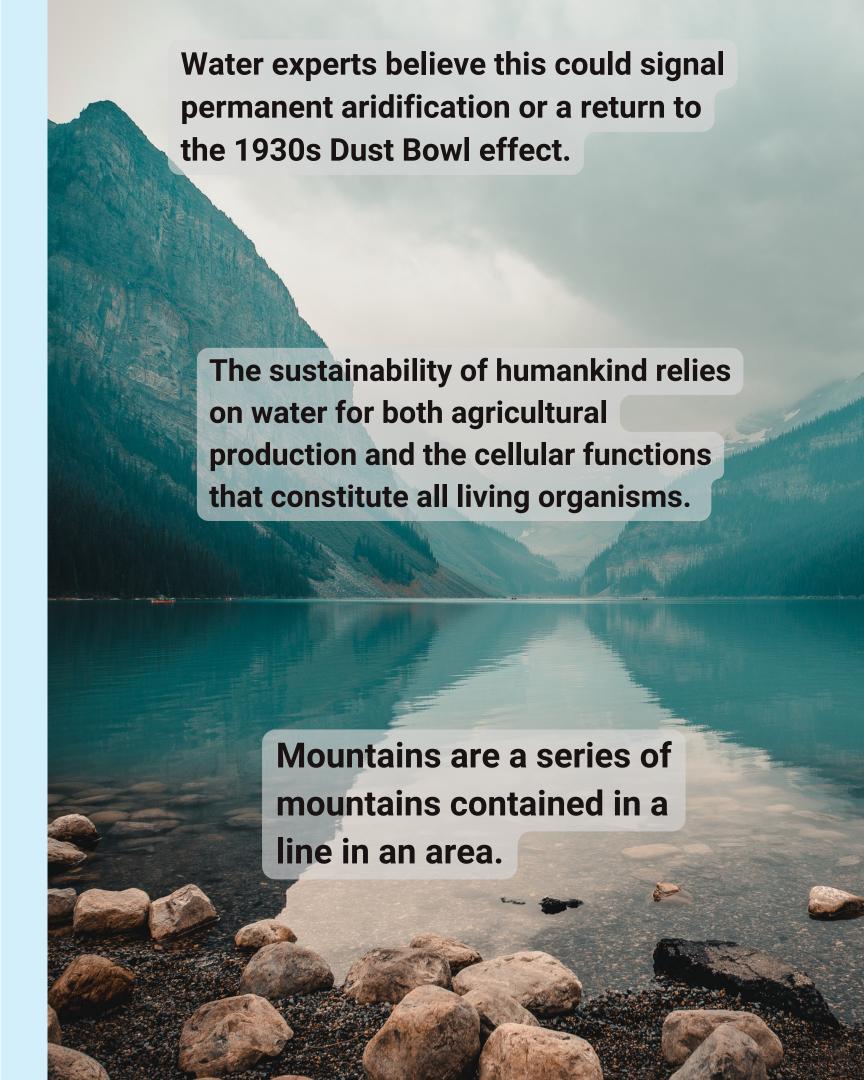
Hoover Dam and Lake Mead: Both are down by 70% due to water scarcity.

The Rio Grande River is running dry.

The Yangtze River, China's lifeblood, faces challenges.

The Ogallala Aquifer, stretching from Kansas to Texas, is rapidly depleting.

These critical water issues demand urgent attention!



Potential Solution and Approach

OM Oasis Machine

Atmospheric Water Generators have been in existence for quite some time. These devices extract water vapor from the air and condense it into liquid form. While larger agricultural machines capable of producing 35,000 gallons per day can cost nearly \$1 million, they are expensive to operate and challenging to position effectively for river restoration. Our strategy involves scaling down these generators to produce 1,000 gallons per day (at 30% humidity), which is equivalent to 1 acrefoot annually. Our target cost is under \$10,000 for off-grid implementation.

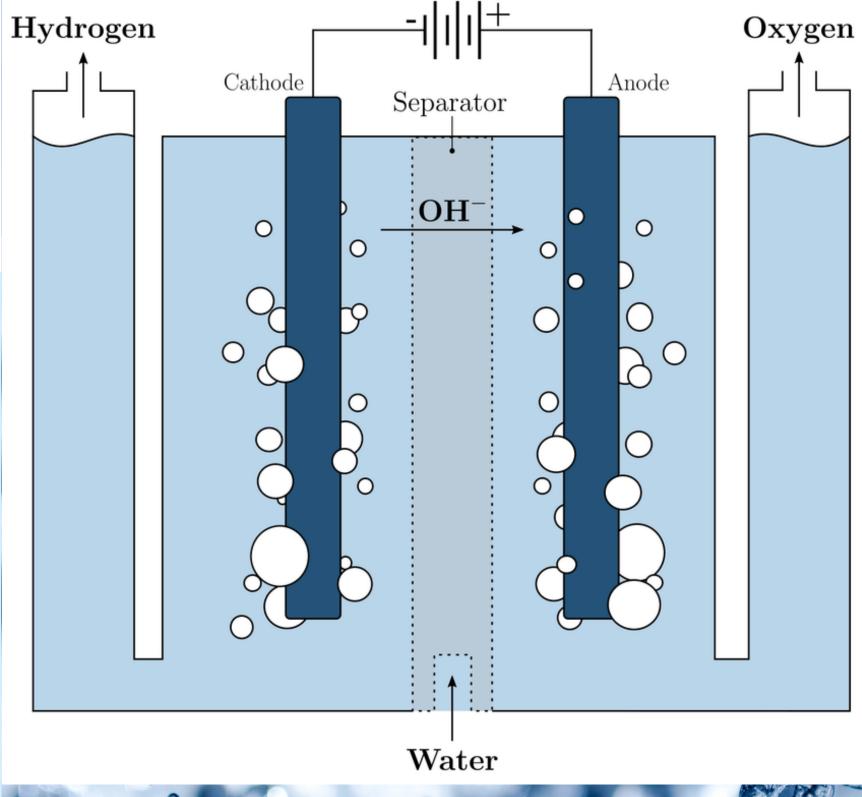


What Is Inside?

- Air Capture
- Compression
- Condensation
- Electrolysis
- H2 Gas Capturing
- Gas to Generator

The Hydrogen Factor

Small Electrolyzers can produce approximately 0.5 kg of hydrogen from one gallon of water. This hydrogen can then power small utility motors for weeks or even months. Our plan involves electrolyzing water, breaking the bond between hydrogen and oxygen to release hydrogen. This hydrogen can fuel a small motor, generating electricity on the spot to run fans and condensers. Additionally, hydrogen can be used for on-the-spot propulsion. We'll collaborate with a physicist to develop the electrolyzer, leveraging their expertise. The beauty of hydrogen motors lies in their scalability—from generating large amounts of water for agricultural and industrial machines to smaller quantities for residential or portable use (as little as 10 gallons per day). Furthermore, these motors can be scaled for propulsion. Our Chief Investigator has co-designed and built a powerful 4-cylinder hydrogen motor capable of 400 horsepower.





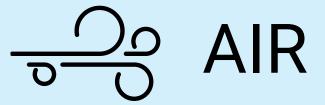
Cleaning The Air

The Oasis Machine extracts large volumes of air, which contain more than just water vapor.

As our planet warms due to climate change, hot air stores increased water vapor, leading to more frequent and intense storms.

Additionally:

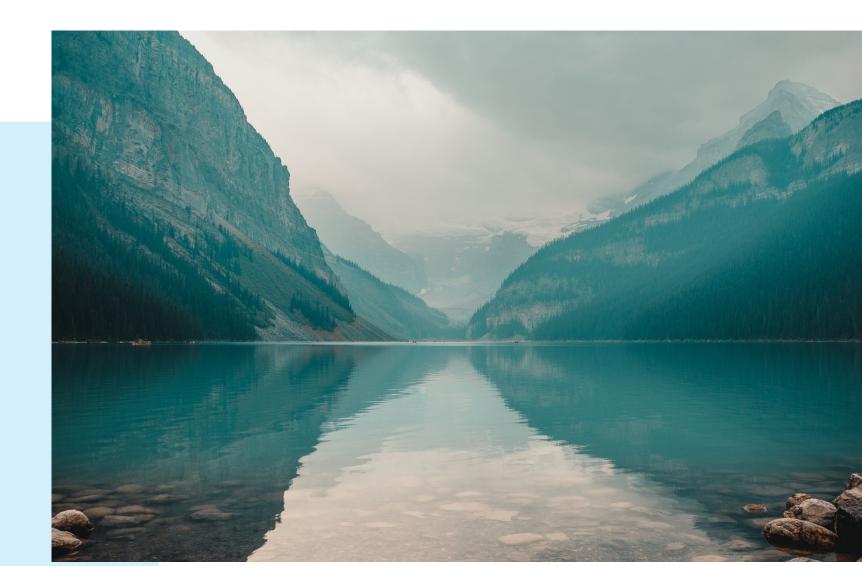




The machine filters out harmful airborne contaminants, addressing concerns about aluminum and plastic particles found in rain, even in Antarctica.

While the air will contain CO2, we initially prioritize the machine's functionality. Later, we can explore filtering and processing CO2 for distribution.



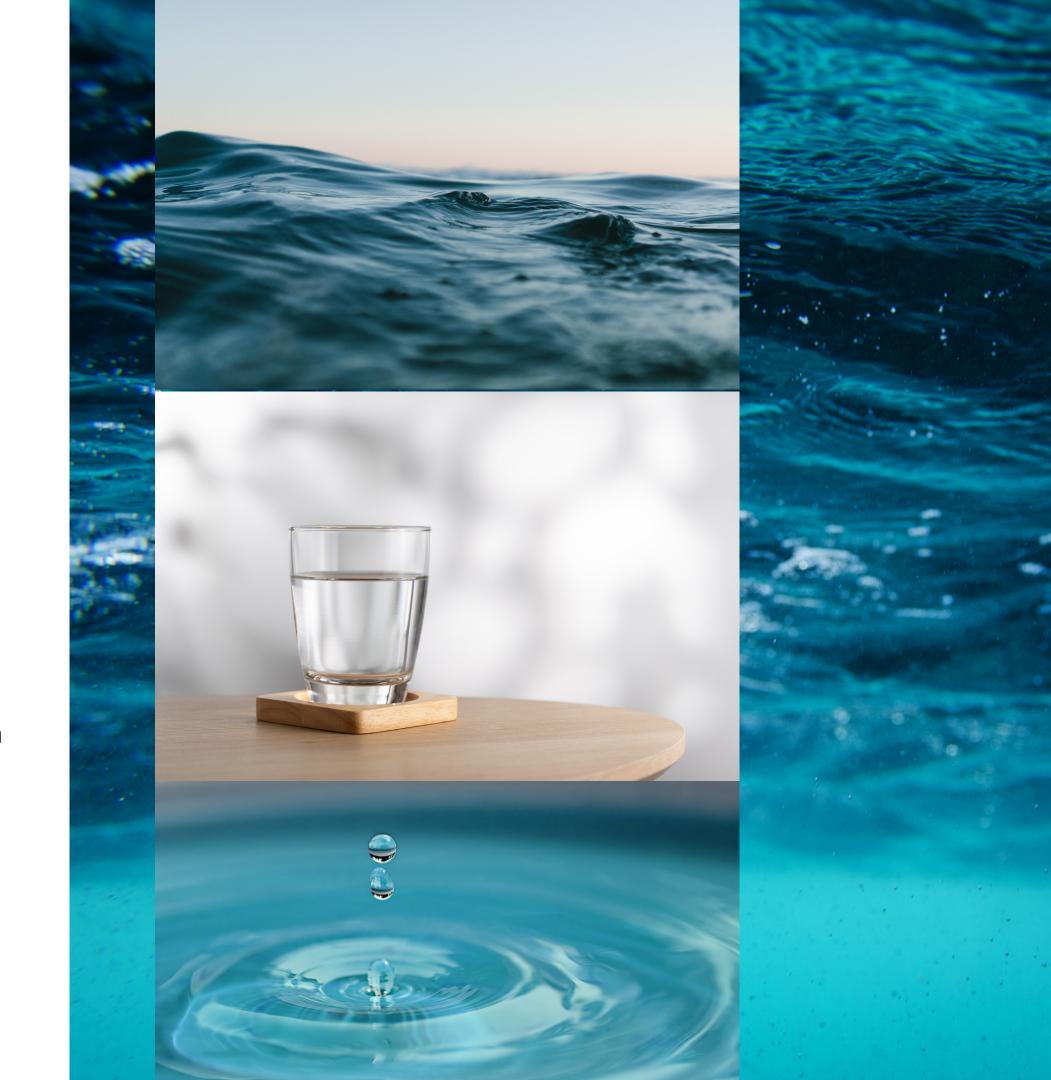


Some Water Economics

• **Target Cost:** Approximately \$20,000 per machine, including pipelines for delivery, easements, and setup.

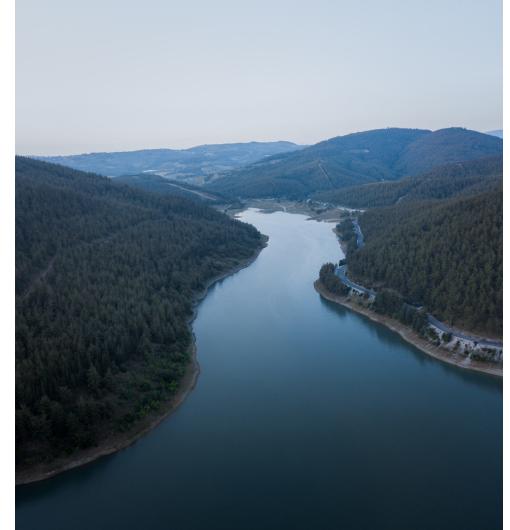
• Water Economics:

- Farmers in California purchase one acre-foot (a/f) of water for \$100 to \$300 annually.
- Cities pay \$30,000 to \$58,000 per a/f as a one-time cost.
- If this water were bottled, it could fetch over \$2 million per a/f.
- As the world becomes drier, water may surpass gasoline in cost, and hydrogen could serve as a replacement.
- Only 5 to 8% of water vapor falls annually as rain or snow, replenishing rivers, lakes, and aquifers worldwide.



Mission

Our plan involves creating a demonstrator concept that caters to three markets: water, hydrogen, and electricity. Next, we aim to conduct a National Test in collaboration with a state like New Mexico. The goal is to purchase 1,000 Oasis Machines for \$20 million, with potential federal agency assistance. These machines will be deployed along 150 miles of the Rio Grande River, spanning from Albuquerque to the Colorado State line.









The Team



Don Deptowicz - with 40 years of experience, will oversee the Research Lab. His extensive background includes working on various technology projects, such as hydrogen motors, aircraft coatings, and other technological endeavors.



Daren Dozier - IT Manager, Consultant and Web Developer with several of decades of experience. Managing Web, Digital Marketing and Leveraging AI.



Lloyd Goff - Managing Member, brings 53 years of experience as a development project packager. In this new venture, he will serve as the Business Manager.



Herman Colato - Bachelor of Science in Computer Science: With a keen eye for problem-solving, key developer of applications that address user challenges including: Calendars, Events, Scheduling, Contacts, and Databases. Managing Internal Communications within the team.

Market & Clients

Initial Clients:

• Initially, Federal Agencies and States are the primary clients, making large-scale purchases in the thousands. Over the next 6 to 7 years, this market has the potential to adopt millions of Oasis Machines.

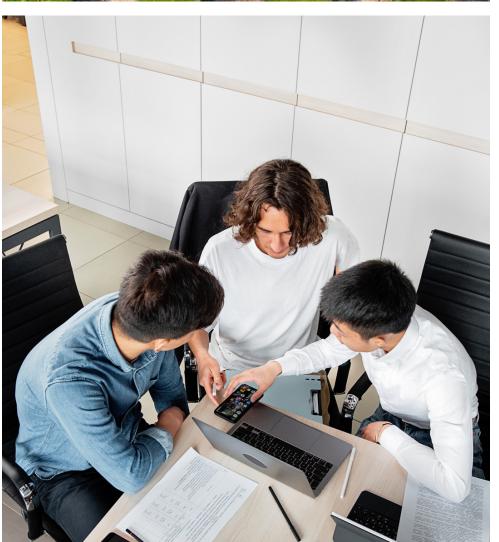
Expansion Phases:

- 1. Gradual Expansion: As the Oasis Machines gain traction, they will gradually be adopted by other sectors, including agriculture, military bases, cities, hospitals, transportation authorities, resorts, and industrial facilities. While these sales will be smaller per client, reaching these diverse markets will be more challenging.
- 2. Smallest Users: Eventually, the Oasis Machines can be extended to the smallest user groups, such as residential properties, recreational vehicles, campers, and backpackers.

Sales Projections:

 Depending on the continued acceleration of global warming, within the first 10 years, achieving 1 million units sold is feasible in the USA alone. Over a 20-year period, sales could surpass 5 million units. However, competition will play a significant role, and the international market also presents opportunities for growth.









Goff's Traction

Created

Email Marketing Program & Assembled Teams

TISCHKOV

Developed

Economic Model for Climate Tech, Valuation > 3 Trillion USD

Co-Developed

Team Member - Hydrogen Engine Project

Tech Ventures

Created Several > 1 Million Packed Solutions

Reaserch

Assisted Kent Bingham in Due Diligence Electrolyzing Research

Brain Trust

Created Business Plan for Climate Tech Brain Trust

Personal Investment

>1 Million Research and Development, Web Content & Documentation









Future Life Sustainability

- Reducing Carbon Footprint: This initiative has the potential to significantly reduce carbon emissions, potentially leading to a greener America.
- Watering Crops: The system can efficiently water crops, especially along highways. It's compatible with center pivot sprinkler systems for farming and also provides drinking water.
- Alternative Fuels: By generating alternative fuels on the spot, it supports various applications such as farming tractors, trucking, and trains, contributing to America's mobility.
- Water Generation: It produces water for rivers, lakes, and aquifers.
 Additionally, this process can transform surrounding areas into lush landscapes with trees, shrubs, and grasslands.
- Supply Chain Bridging: This initiative addresses gaps in assembly, sales, delivery, and water management across various sectors, including farming and gardening.







Manufacturing and Reuse Strategy

- Leveraging Existing Components: The majority of the components already exist and require configuration to align with our specific requirements. This Joint Venture will guide the project through the engineering phase, making specification and assembly the next critical steps.
- Bingham Labs for Research: We propose maintaining Bingham Labs as a dedicated research hub. Simultaneously, we plan to explore two avenues:
 - a. Licensing: We'll offer licenses to other companies, allowing them to utilize our technology.
 - b. **Subcontracting Assembly:** While major corporations can certainly handle some of the assembly work, we also intend to collaborate with Indian Tribes. These communities not only need employment opportunities but can be effectively trained for this purpose. Their unique connection to the land makes them valuable for machine maintenance, farming, and monitoring machine performance.

Our approach combines innovation, sustainability, and social impact.



Use of Funds

Oasis Machine Project

1. Initial Setup (\$500,000):

- Establishing the company infrastructure.
- Legal work for long-term financial structures (such as SPV or IPO).
- Organizing the core team.
- Conducting an industry survey and building reserves.

2. Research and Development (\$2,000,000):

- Over a two-year period, focus on developing the Oasis Machine.
- Explore two or three configurations using different components.

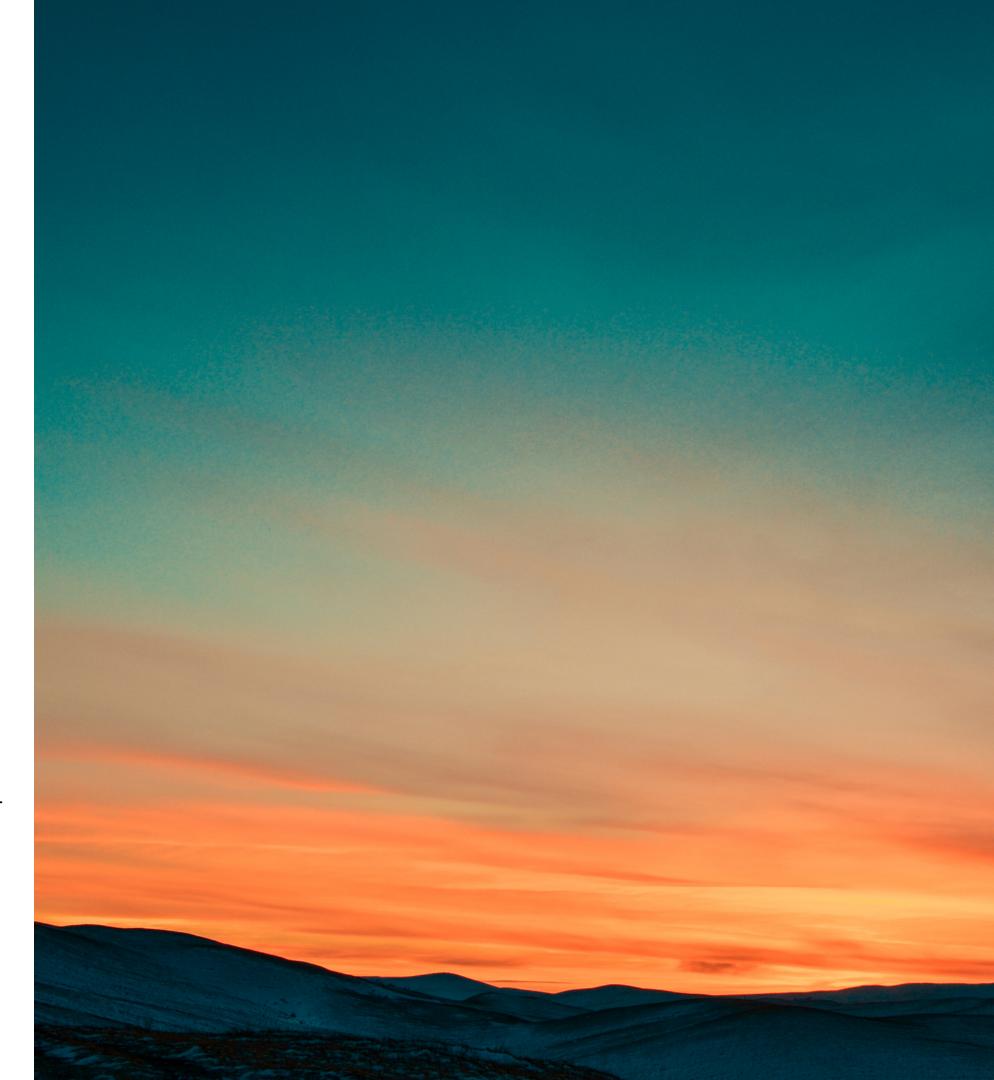
3. Value Engineering and Testing (\$1,500,000):

- Allocate funds for value engineering.
- Rigorous testing to create a functional prototype.
- o Analyze cost projections and assess sales feasibility.
- Develop a comprehensive marketing strategy.
- Seek manufacturing solutions.

4. Market Evaluation and Outreach (\$1,000,000):

- Nine months dedicated to evaluating the marketplace.
- Create impactful marketing materials.
- Assemble a skilled marketing team.
- Engage in negotiations with federal agencies to secure additional demonstration funds.

This strategic allocation ensures a well-rounded approach to realizing the potential of the Oasis Machine.



Joint Venture Proposal

Investment Structure:

- The Joint Venture will provide \$1 million every six months, as needed, up to a total of \$5 million for 50% ownership of the initial company. Our plan is to establish the company as an LLC.
- To initiate the partnership, there will be a \$50,000 pre-seed nonrefundable earnest money.

Financial Collaboration:

- The partner's role will extend to assisting in the financial design for the next round of funding, specifically focused on manufacturing.
- Anticipated profits will primarily stem from licensing and royalties.

Potential IPO:

- If all aspects are managed in-house successfully, an IPO remains a viable option for the future.
- This collaborative effort aims to drive innovation and sustainable growth.



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