

Why We Are the Best Solution to Solve the Global Water Crisis NOW!

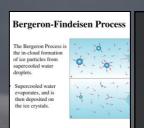


Key Highlights of RET

- Our mission is to serve all regions devastated by drought and companies with products and services that rely on an ever-decreasing supply of water
- ✓ Proven technology solution statistically documented efficacy over extended trial of 6 years. Complimentary to any water-stressed area's broader water supply strategy
- Environmentally friendly that uses no chemicals and contributes to decarbonization goals
- ✓ Well-capitalized, publicly listed company NASDAQ: RAIN supported by an impressive leadership team and board
- ✓ Lowest-cost alternative, near-term ROI is under 6 months. Potable water at under \$0.10 / m³
 - 15-year lifespan for arrays with minimal maintenance costs
 - ✓ No ongoing capex allows customers to allocate capital efficiently into additional geographies
 - ✓ Easy to install and trial easy to remove
- Technology is cost-efficient compared to other water production alternatives



Rainwater Tech Ionization Cloudseeding; Proven, Reliable Technology with Demonstrated Results



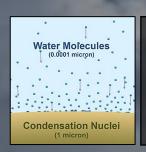
1930s

Bergeron-Findeisen theorize around supercooled water droplets



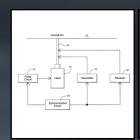
<u>1990s</u>

MIT's Atmospheric Lab conducts field trials in weather modification



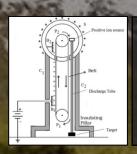
2017

Cloud condensation nuclei acknowledged as research principle



2022

Leading antenna physicist, Dr. Ted Anderson, builds roadmap for significant antenna improvement²



1931

Van De Graaff Generator introduces ionization principles



incides into a control of the contro



2020

Local Oman news reports 9% rainfall increase¹

2018

2021

1931

1940s

1950s 1960s

1990s 2017

2020

2022



<u>1946</u>

Dr. Vonnegut discovers effectiveness of silver iodide at GE Lab

a view of cloud physics and weather modification in the Soviet Union

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1964

Soviet scientists run successful supercooled fog dissipation experiments



<u>2018</u>

First statistically significant results in 3rd party trials facilitated in part by Scott Morris in Oman¹



<u>2021</u>

Oman news reports 18% rain increase over a 3rd party, 5-yr trial period from 2013-2018¹

How RWT Generates Rain Enhancement Using Ionization

Technology Innovation

- Machine learning and advanced gauge monitoring allow for precise rainfall measurement
- ✓ Improving where and when to enhance rain
- ✓ Ongoing electronic monitoring to validate results

Plumes attach to cloud nuclei and pass along charge stimulating growth into larger rain drops

Negative ions attach to air particles and expand into charged ion plumes as they reach cloud layer

System releases electrically charged negative ions into naturally occurring wind updrafts

No Feed Reagents

- ✓ No AgI, Gas or other CN agents reduce maintenance, no chemicals required
- ✓ Uses naturally occurring processes

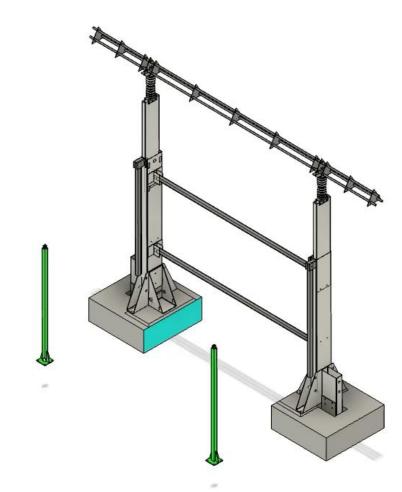
Key Requirements

- √ >40% chance of rain
- ✓ 2000W solar panel energy requirement
- ✓ Proven operations above 32°F and potential for colder temperatures
- √ 1/10 of an acre fenced in area
- Install upwind of target area



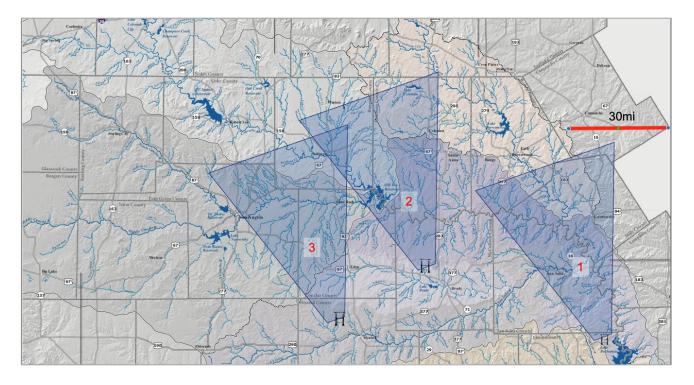
WETA – Weather Enhancement Technology Array

- A WETA system is constructed of composite materials including fiberglass and ceramics.
- The ionization "antenna" of the WETA array is approximately 39 feet (12m) wide, constructed of fiberglass composite and attached to ceramic insulators designed for high voltage operation. When fully extended, the antenna is approximately 26 feet (8m) above installed ground level.
- A -100,000V DC energy source is applied via shielded and insulated high voltage cable to the top triangular section of the WETA array. The source typically provides between 0.01mA and 2mA but can provide higher currents in high humidity and rain events.
- The voltage supplied is constant during operation. Our control system increments from 0V DC to -100kV DC to avoid excessive current and leakage events. The system automatically detects faults and can reduce voltage to a lower level if conditions require.
- The top section of the array is wrapped in a stainless-steel wire with many kinks and frays. The nature of this wire increases corona inception points, providing high rates of ionization in a relatively small area.
- Our control system automatically monitors operating voltages and currents from the high voltage source, allowing for confirmation of operation when comparing enhancement events.
- The system requires low power in both standby and operating modes. Typically using under 1000W during enhancement and 48W in standby.



WETA Coverage

- The effect can start within ½ mile of the array
- Ion plume extends out as far as 30 miles, depending on prevailing winds
- For any dominant wind direction, the plume expands around 1 mile on each side of the array
- At the furthest point from the array, the ion plume can reach 18 miles wide
- Operation in cross winds, not aligned with the array main cross section, still creates enhancement over a smaller area
- Our monitoring targets the area where more rainfall or snow is needed
- We establish a rain gauge network using WMO-compliant gauges to document water
- Existing local systems are integrated into our analysis to support integrity of our data



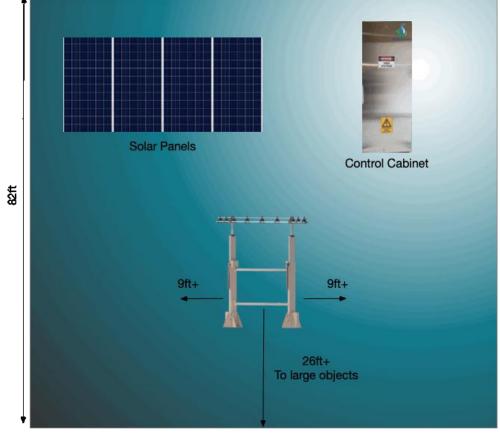




Installing WETA

- Can be split the main array section has one electrical connection.
- Prefer the array to be the highest point on the site.
- Arrays are aligned with dominant operating season wind patterns to maximize coverage and transfer.
- Meteorological analysis is completed to confirm local conditions.
- Locations that provide good sources of aerosols are preferred near reservoirs, on the tops of cliffs, mountains etc.
- Can effectively operate on flat ground.
- Operation can be 24/7 but is normally only undertaken when local weather has moderate conditions to have rainfall (>40% relative humidity).
- In high wind, heavy rain and adverse weather events, the system automatically stops ion generation.
- Kit format takes 2 days to install on site, operates for years.
 Individually replaceable components, low maintenance.







Rainwater Technology Design for Viable Rainfall Enhancement



Proven design with demonstrated results



Increased average rainfall by ~18% over 6yr trial



Single system serves many customers over 70-mile radius



Fast deployment – 6 months to rain enhancement



Benefits from weather technology to predict rain conditions



15yr lifespan with minimal ongoing costs¹



Scalable in all global regions - size of a goalpost



Environmentally sensitive with minimal energy usage



No chemicals during ionization deployment



Flexible elevation requirements

ource: Muscat Daily, International Statistical Review, Journal of Royal Statistical Society

ote: System illustrated not performed by RET, but which RET has licensed the engineering designs for ¹ Management estimate

3rd Party Oman Case Study

Background of Oman Trials

- Trials were carried out in the Hajar Mountains from 2013-2018;
 one of the most water-stressed / rainfall-stressed areas in the world
- ~20 Automatic Weather Stations were set up to monitor atmospheric conditions and collected daily measurements
- Array of ~200 rain gauges on a 6mi (10km) grid to collect daily data
- Radiosonde data measured speed and direction of wind to help locate where systems had rainfall enhancement effect
- Trials utilized 12 devices over 6 years with 3 generations of systems designed for improved ion generation and durability
- Randomized operating schedule was defined each year and system were switched on / off on designated operating days
- Total of 122,259 gauge-day and 740 days of data collected
- **Daily footprint** of each system is **18mi** (30km) **wide and 44mi** (70km) **long** with analysis applied to positive gauge day rainfall in footprint
- Modelling used to estimate rainfall enhancements in footprints attributable to systems. Tests were not designed to optimize enhancement, but for statistical measurement

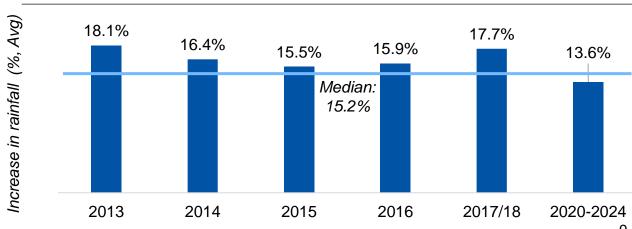
Scott Morris – Rainfall Enhancement Expert





Scott Morris
Sr. Technical Advisor
Rainwater Technologies

Historical Oman Trial Results and Key Factors



3rd Party Oman Case Study 2022 Analysis

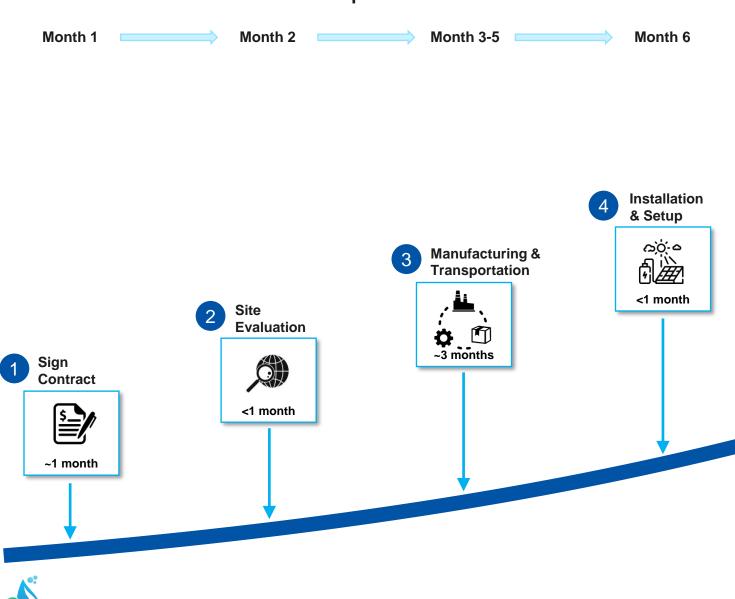
2022 Analysis

 Analysis of the data collected in the trial shows that ionization led to a statistically significant enhancement in positive rainfall in gauges located up to 70 km downwind of the ionizers²

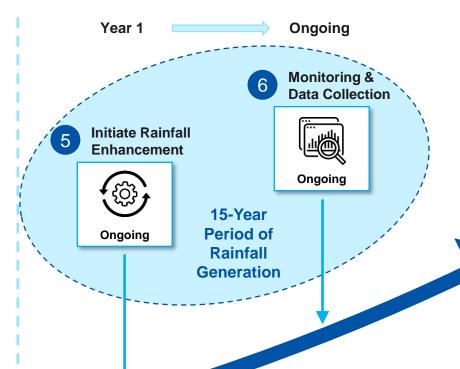
 A headline analysis specified prior to commencement of the trial resulted in an estimate of 16.23% enhancement relative to rainfall that would have fallen without any ionization, while a more sophisticated after the event analysis increased this estimate to 17.64% enhancement, but for statistical measurement²

Rainwater Tech Deployment Timeline

Installation & Setup Phase in <6 months



Implementation & Deployment Phase



Ongoing Rainwater Tech Services

- Annual Operations
 - · Data collection and analysis
 - System maintenance
 - Software development
- Annual Reporting
 - · Draft annual report



Rainwater Tech Robust Platform Ready for Global Deployment

Assessment



Detailed local physical and climatological diligence to assess effectiveness in various sites

Data Analysis



Understand the local weather patterns to determine best methods to create enhancement

Monitoring



Perform
continuous 360degree review to
optimize
ionization and
measure rain
enhancement

Communication



Augment
autonomy with
human
intelligence to
ensure systems
are safely
deployed at
scale

Infrastructure



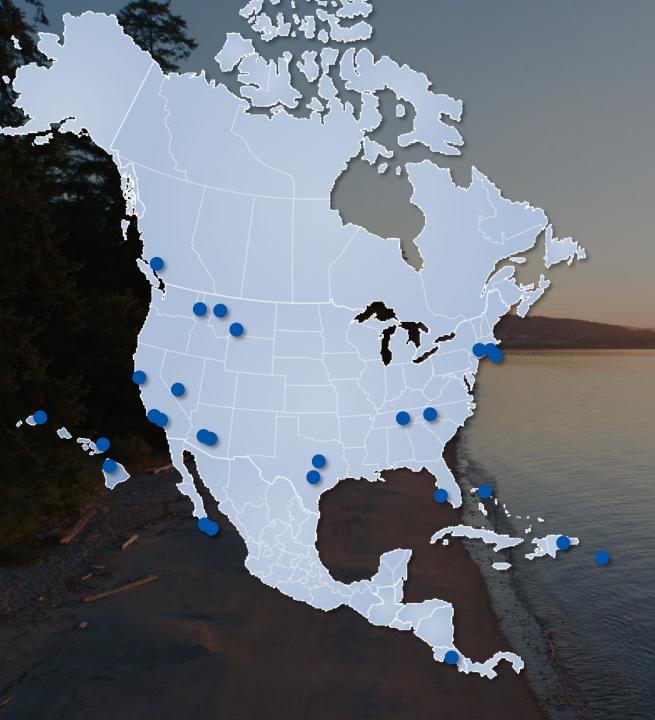
Build and maintain infrastructure and tools to create reliable, systematic development

✓ Optimized design for all weather conditions

Durability creates low ongoing operational cost

Modular manufacturing for flexible scaling





Landmark MOU for RET



Discovery Land Corporation

- US-based real estate developer and operator of private residential club communities and resorts
- 30+ properties worldwide



The RET and DLC Arrangement

- Binding agreement pursuant to which DLC expects to deploy RET's platform across its properties
- RET expects to install rainfall generation technology in 3 of DLC's properties by 2025



Synergies Between RET and DLC

- Arrangement reduces DLC portfolio's need for municipal water sources and enables positive contribution to local community water supplies
- Significant global expansion opportunities for RET

"We are impressed with RET's solution given its short deployment lead time, ability to operate off the grid, and compelling ROI. We look forward to expanding our partnership with RET in the coming years to support DLC's sustainable growth plans worldwide."



CEO, Mike Meldman

Addressing Key Questions Around Ionization Cloudseeding

Key Questions



Rainwater Tech Clarifications

Ionization is untested and relies on complex physics concepts



Rooted in simple, existing physics theory using natural conditions



Statistical approaches proving theory but no real-world data to support



Robust dataset produced and evaluated during prior trials



Technology is proof-of-concept and is not ready for commercialization



Technology has changed minimally since innovated in 1940s



Measuring attribution – how much rain is produced above baseline



Double-Blind, Randomized Sequence Study¹ Run for Control



Notoriously difficult to design experiments that demonstrate efficacy



Statistical trials supported by RWT Senior Technical Advisor¹



Benefits That Set Us Apart

- Our mission is to serve all regions devastated by drought and companies with products and services that rely on an ever-decreasing supply of water.
- Complimentary to any water-stressed area's broader water supply strategy.
- **Proven technology solution** statistically documented efficacy over an extended trial of 6 years. Complementary to any water-stressed area's broader water supply strategy
- Environmentally friendly contributes to the decarbonization goals, low footprint, results without needing external feed material (e.g. Agl, Gas, or other CCN agents)
- Lowest-cost alternative, near-term ROI is under 6 months
 - 15-year lifespan for arrays with minimal maintenance costs no ongoing capex
 - 6+month service intervals operate and monitor results
 - Off-grid stand-alone operation
 - Automatic Operation and Remote Control
 - Easy to install and trial
- Rapid Deployment Can be installed in days and operational within hours of connection
- Constant Operation can be run for hours, days, weeks, or months. Wide-ranging enhancement over even moderate conditions
- Proven in challenging environments effective in warm, dry climates with seasonal rainfall patterns, unlike competing technologies that require cold temperatures and focus on winter operation
- Powered by renewables utilizes solar energy to charge batteries, enabling operation when most effective, day or night, regardless of weather conditions



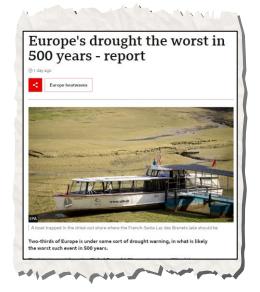
Thank you!



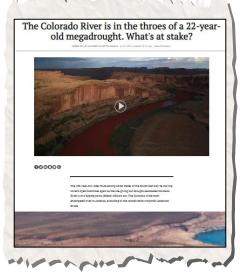
Next Steps



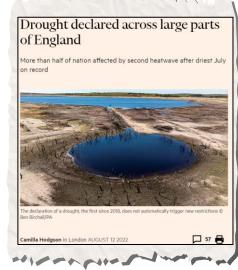
Today's Media Abundant With Warnings of Global Water Issues





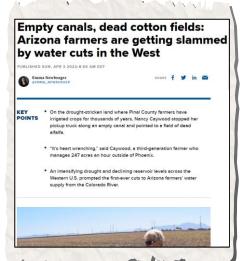


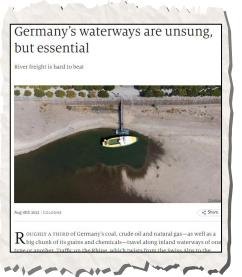














Huge Global Need for Water



Tourism and Recreation



Agriculture Industry



Hydro Power Plants



Nuclear Power Plants



Insurance & Re-Insurance



River & Water Authorities



Large Landowners



Oil & Gas Companies



Energy & Transportation



Forest Ministries



City, State and Federal Govts.



Cloud Data Centers



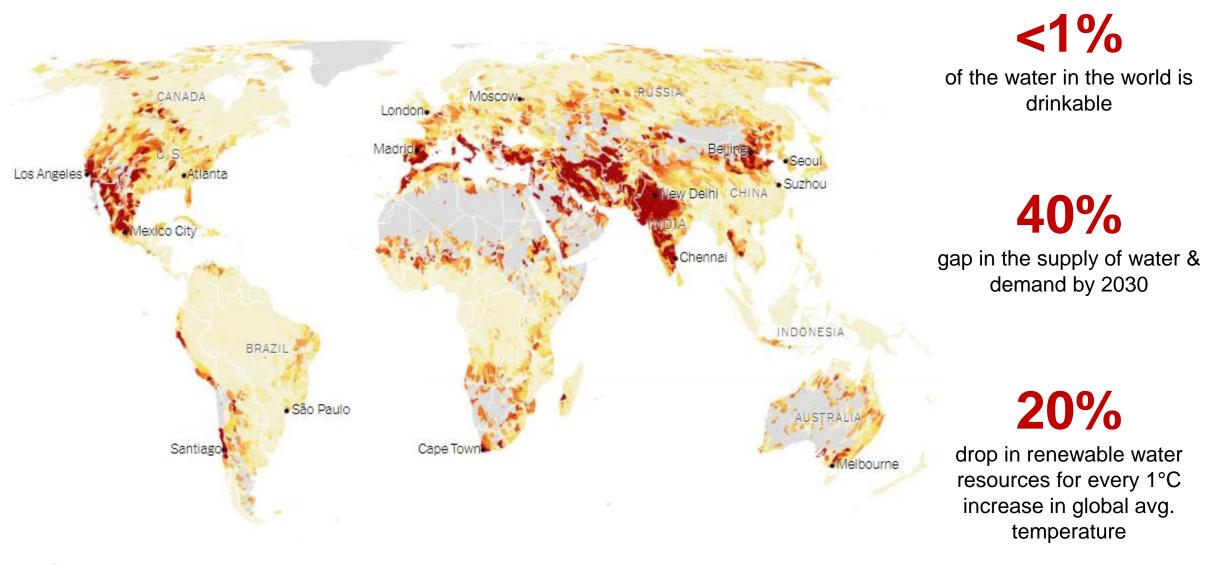
Social Philanthropists & Foundations



Decarbonization Organizations

Note: Entities mentioned on this page are not affiliated with RET, nor is there any sponsorship or endorsement (or other) relationship between RET and any of the entities on the page.

Much of the World is in a Major Water Crisis





Global Crisis with a Proven Solution



- 1 Massive Global Water Shortage
- Water scarcity is a major global issue that is dramatically worsening
- The **human impact** is devastating and the economic impact is staggering
- 3. It is top of mind across private and public markets, but there is **no de facto solution**
- 4. If prices continue to rise, over 3/4 of low-income US residents will face **unaffordable water bills by 2030**¹



- **2** Current Water Supply Solutions
- 1. There are primarily 3 additional water supply solutions included in plans for water scarce regions:
 - 1. Desalination
 - 2. Chemical Cloudseeding
 - Ionization Cloudseeding
- Goal is to fill ~5-10% of estimated water demand with each solution
- 3. Each solution has pros and cons with all contributing to, not replacing, a comprehensive plan



Ionization Rainfall Generation is the Least Expensive Potable Water per m³



Least Expensive Most Expensive



Rainwater Tech Team



Randy Seidl
Chief Executive Officer

- Four decades of experience across various technology sectors: cloud, security, server, storage, networking, services, and channel
- ✓ Unique ability to scale start up and Fortune 500 technology companies
- ✓ Led dramatic sales transformations at EMC, StorageTek, Sun, and HP
- Proven track record of driving revenue growth, gross margin, ecosystem partnerships, and fostering lasting executive relationships
- ✓ Co-author of Your Go To Sales Advisor









Harry You Board Director

- ✓ Over 150 M&A transactions and raised hundreds of billions in total capital
- Played a key role in structuring Dell's \$67Bn buyout of EMC as EMC's executive vice president
- ✓ Significant shareholder value creation at EMC, Oracle, Accenture, Korn Ferry and Broadcom
- Director on Board for Broadcom (Member of Executive Committee), Coupang, IonQ
- Deep banking & capital markets expertise







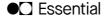






Niccolo de Masi Technical Advisor

- √ C-Suite / Board of 7 mobile app companies
- Deep track record in ESG focused value creation
- ✓ International expansion expertise organic and inorganic
- Deep understanding of top and bottom of funnel techniques for optimizing retention, conversion, and LTV
- ✓ Overseen billions in mobile app revenue and advertising spend
- √ Pioneered incented mobile app and rewarded video advertising



















Rainwater Tech Team (Cont'd)



Lyman Dickerson

Board Director

- Over 30 years of operating experience in the water industry
- Founder of Ecolochem, a provider of outsourced industrial water treatment services for a wide range of industries including power, refining, chemical, pulp and paper, automotive, electronics and pharmaceuticals
- Sold Ecolochem to Ionics in 2003 which was ultimately acquired by General Electric



Oanh Truong
CFO & Board Director

- ✓ Impact-driven leader with a breadth of experience in financial and accounting operations, spanning ~10 years
- Impactful with supervising accounting operations and audits and providing guidance on metrics, and reporting
- Grew the SPAC business at Chord Advisors from inception to \$3M+ in revenue via referrals and repeat business



Alexandra Steele
Board Director

- ✓ Member of The American Meteorological Society since 1998 and was issued the AMS Seal of Approval in 1999
- ✓ Emmy nominated broadcast meteorologist with over 20 years of experience
- ✓ Worked at The Weather Channel for over 10 years anchoring their prime-time evening program
- Worked at both the network and local affiliates of ABC, CBS, NBC and CNN
- Climate specialist with an emphasis on climate communication and adaptation





















