

National Clean Energy Week

Energy Innovation Showcase

September 26, 2:30 - 4:30pm ET



Exhibitors

Floor 1

Batteries & Energy Storage

[Blip Energy](#)
[Dynami Battery Corp](#)
[EarthEn Inc](#)
[Enerpoly AB](#)

Renewable Energy (Marine, Solar, Wind)

[AR Challenges](#)
[Artic Solar, Inc.](#)
[Atargis Energy](#)
[GismoPower LLC](#)
[Keystone Tower Systems](#)
[ORPC, Inc](#)
[Oscilla Power Inc.](#)

Clean Transportation & EV Charging

[BluShift Aerospace](#)
[ChargeNet Stations](#)
[ChargeStation](#)
[Epoch Boats](#)
[Forever Flight](#)

Hydrogen

[FC Renew, LLC](#)
[Power to Hydrogen](#)

Materials & Manufacturing

[ALD Technical Solutions](#)
[Helicoid Industries Inc.](#)

Floor 2

Grid Technologies & Resilience

[Benchmark Labs](#)
[Blockchain Triangle Systems Inc.](#)
[Climformatics Inc.](#)
[Petrolern, LLC](#)
[Rhizome](#)
[Rivieh, Inc.](#)
[Solblox AI](#)
[TrueLight Energy](#)
[VECKTA](#)

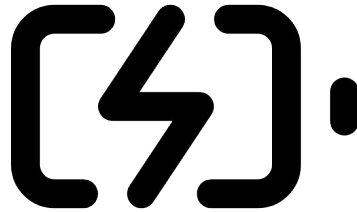
Methane Mitigation & CCUS

[Compact Membrane Systems, Inc.](#)
[E3Tec Service, LLC](#)
[Onboard Dynamics, LLC](#)
[TERRACOH, Inc.](#)

Waste Heat to Power & Geothermal

[Anax Power](#)
[Farm to Flame Energy](#)
[Seebeckcell Technologies, Inc](#)
[Terrapin Geothermics](#)
[Transitional Energy LLC](#)

Batteries & Energy Storage



sophia@blipenergy.com

www.blipenergy.com

Blip is defining a new category of home power station – one that is smart, flexible, affordable, and designed to work for any home. By leveraging second-life battery cells, we're undercutting similar sized battery products by 75%. We've combined the IoT energy optimization features of a luxury whole-home system, with the portability of a camping battery, at the cost of a generator you could pick up at a big box store.

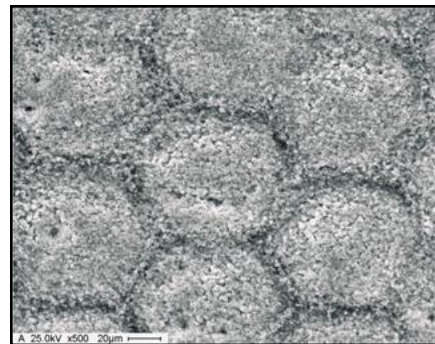
We raised 1M in Pre-Seed funding, and will be opening up a Seed round later this year, please reach out if you'd like more information!



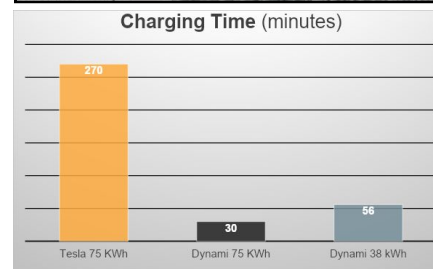
Sergio Baron - sergio@dynami-battery.com

www.dynami-battery.com

- Dynami patented microstructured electrode creates **80% faster charging batteries** at comparable production costs as conventional lithium batteries.
- Additive to other innovations in the battery space, including solid-state batteries.
- Fundamental enabler for the EV industry.
- We have a 25% space in our \$1M+ seed round available for investors.



SEM image of
Dynami
Microstructured
Electrode



A 75 kWh Tesla Y Long Range will need **270 minutes** of charging time for a 1,135 miles trip (from LA to Seattle) while with Dynami technology would need only **30 minutes**.

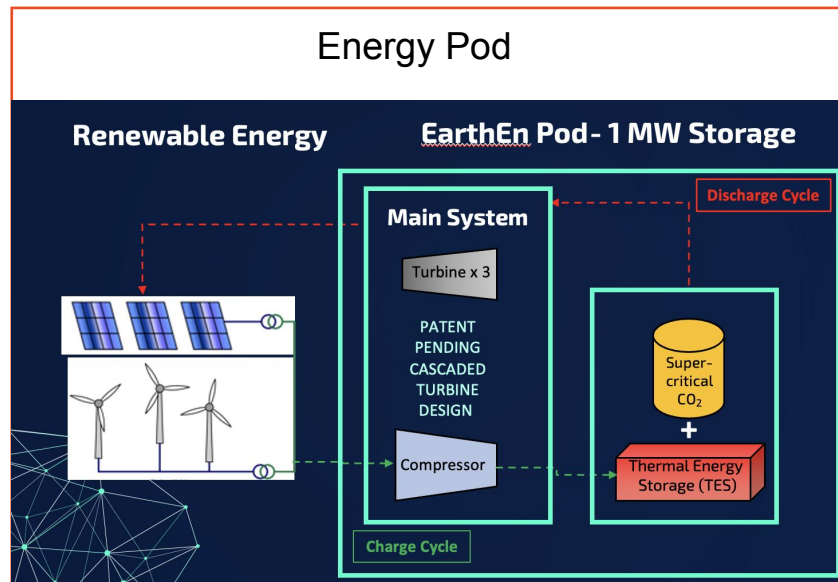
Dr. Manas Pathak– manas@earthenergy / 8013007420

www.earthenergy

EarthEn's Energy Pod is a grid-scale Energy Storage solution that uses sCO₂ and allows storage of excess energy from solar and wind for long and short durations. Our technology can handle 6-8 hours and even over 100 hours when the market requires increased storage durations in the future. EarthEn Pods are also the cheapest storage option and are built using 3d printing & modular practices making it extremely scalable and actively uses sCO₂ to store electricity providing a strong carbon application.

Are you seeking investment? Seed round at \$1.5M

Seeking to connect with utilities, solar and wind farm developers and enterprises looking for energy storage





Enerpoly AB: Zinc-ion Batteries

Samer Nameer
Co-founder & Chief Sustainability Officer
samer@enerpoly.com



Breakthrough affordability
35% lower LCOS by 2023



Stable, existing supply chain
130x Zn production vs. Li



Safe Technology
UL9540A Tested



Significant impact potential
80% less CO₂eq production



Zinc-ion battery cell



Zinc-ion battery pack

2018
founded

2
patents filed

€4M
in funding

6
pilots
upcoming

100
kWh industrial
line

11
employees

Our next fundraise will be a series A round in 2023.

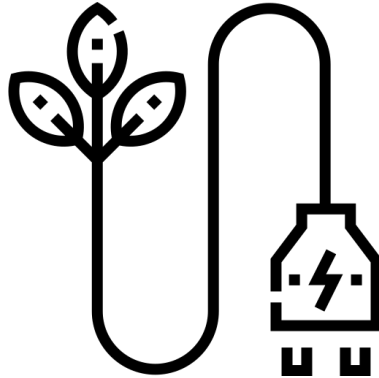
We are currently seeking:

- Pilot customers who can test batteries
- Pilot customers who can integrate batteries into systems
- Manufacturing scale-up partners (suppliers, etc.)

Floor 1, Batteries & Energy Storage



Renewable Energy



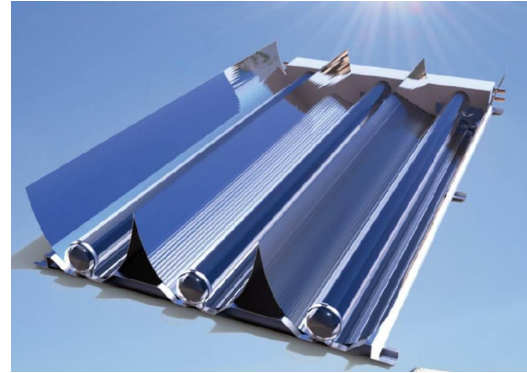
Arctic Solar Inc.



POC: Bill Guiney, bill@articsolar.com / 414-339-7970
www.articsolar.com

Process heating accounts for 36% of energy consumption in manufacturing. Arctic Solar's collectors generate temperatures up to 400°F to provide affordable, maintenance- free, and green energy for Industrial Process Heat (IPH), Desalination, Solar Refrigeration, and Air-Conditioning.

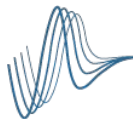
- \$300k+ revenue - \$2M+ in pipeline - raising \$2M Seed A
- Required solar performance tested, ICC/SRCC certified
- Deployed Steam, Evaporation and IPH systems in US & Export Markets.



SOLAR POLAR



Floor 1, Renewable Energy



Atargis Energy Corporation

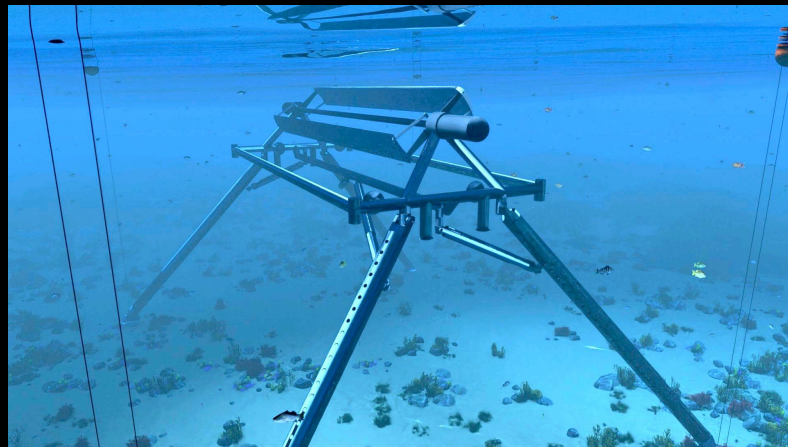
Ocean Wave Energy

**Predictable, \$0.06 per kWh LCOE
baseload electricity from ocean waves
for clean energy service providers.**

**Disruptive clean sheet design, Patent
protected plus undisclosed control IP.**

**Survivable and ocean friendly.
Operates autonomously, well below
ocean surface, out of sight and under
ocean storm forces.**

2.5 MW Cycloidal Wave Energy Converter (CycWEC)



**Seed stage. Raising \$5 million to match
existing \$2 million DOE grant to test 1:15
scale generator system with US Navy.**

GismoPower LLC

3364 Tanglewood Drive
Sarasota FL 34239
941 284 0057

www.gismopower.com
erika@gismopower.com

GismoPower's "MEGA" integrates the functionality of a portable carport, a high-power bifacial solar PV system and a powerful Class 2 EV-Charger. It expands the classic methods of ground-mount and roof-top solar systems to include driveways and parking areas without dedicated building permits. The system can be bolted down or folded to be wheeled into a garage or shelter along with your vehicle to protect them from weather events.

Looking for strategic partnerships. We are particularly open to finding disadvantaged communities and early adopters. We are open to manufacturing partners, legal support and business development professionals.



The MEGA is a disruptive concept which has the potential to place significant solar generating power in the hands of lower and moderate income (LMI) customers, creating a seismic shift in demand-side, distributed solar energy generation

Keystone Tower Systems



Eric Smith, eric@keystonetowersystems.com 857-225-0552

[KeystoneTowerSystems.com](https://www.KeystoneTowerSystems.com)

Keystone Tower Systems has developed an advanced manufacturing process for towers for wind turbines

- High speed automated manufacturing
- Enabling lower cost traditional size towers, and taller towers than can be built by existing factories

Keystone is supplying to the largest turbine manufacturers and utilities in the wind industry.

Commercial deliveries of 80-100m tall towers are beginning this year, and the first 160m tall towers are scheduled for 2024.

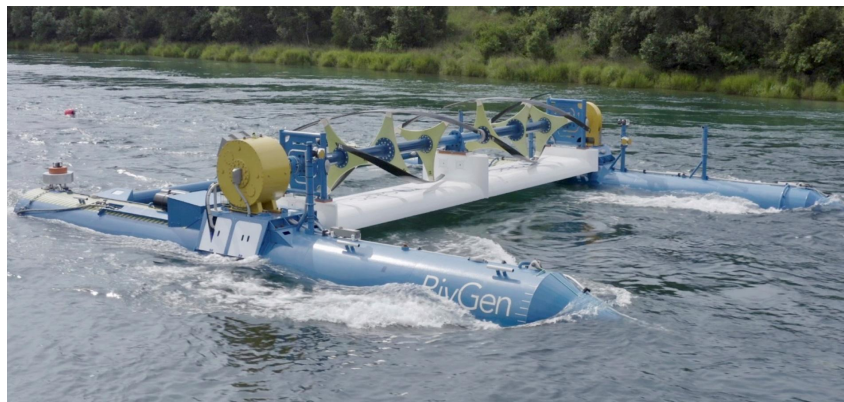
We are currently raising capital for our second factory



Floor 1, Renewable Energy

Stuart Davies, CEO, sdavies@orpc.co
(617) 512-5458 www.orpc.co

- Based in Maine, ORPC uses a US-based supply chain to build devices that generate renewable electricity from free-flowing rivers and tidal streams, targeting multi-billion dollar market replacing high-cost diesel generators used by over 700 million people in remote communities worldwide.
- ORPC's RivGen® Project in Igiugig, Alaska, is the longest operating hydrokinetic project in the Americas.
- In 2021, ORPC secured \$25 million in growth capital to drive penetration into international markets. The U.S. Department of Energy has also supported ORPC's technology development.
- ORPC is seeking additional funding to accelerate deployment of our technology in target markets.



Oscilla Power Inc.



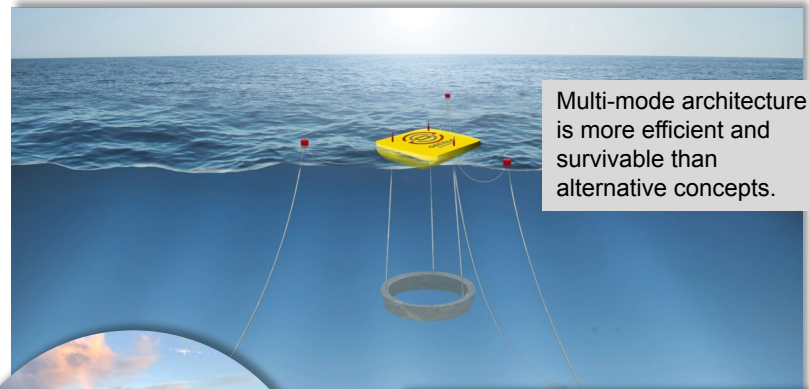
Contact: *Balky Nair* - nair@oscillapower.com / (801)-897-1221

www.oscillapower.com

Oscilla Power Inc. (OPI) has developed the Triton wave energy converter (WEC) to deliver levelized cost of electricity (LCOE) for under 10c/kWh in the harshest ocean environments. Because wave energy peaks in winter, it can fill the gaps from solar and wind systems to help utilities reach goals of 100% renewable power generation.

OPI is raising \$25M in a Series B to drive growth through expanding its executive team, scaling up manufacturing, boosting sales & marketing to meet committed and expected customer demand for the wave farms in the US West Coast, Western Europe and India.

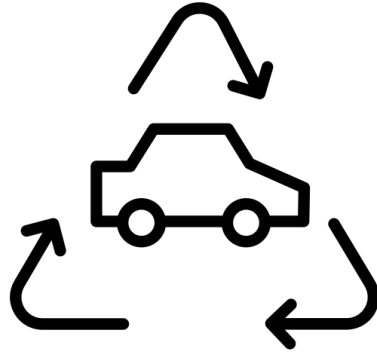
OPI is seeking potential investors, project partners, federal/state agencies, floating or offshore wind farm developers, and vendors who can supply marine logistics, power systems, and large-scale fabrication to accelerate commercialization of its wave energy platform.



Triton prototype in Hawaii



Clean Transportation & EV Charging



BLUSHIFT AEROSPACE

Sascha Deri - Founder & CEO | 207.835.1010

sascha.der@blushiftaerospace.com | www.blushiftaerospace.com

DEDICATED SPACE DELIVERY SERVICE

We prioritize smaller customers with specific trajectories

BIOFUEL-POWERED

Our fuel is nontoxic and carbon-neutral

WE OWN OUR LAUNCH SITE

Key location in Maine for specific orbits

UPCOMING SEED ROUND FOR \$10M

Will fund our first commercial launch to space



ChargeNet Stations

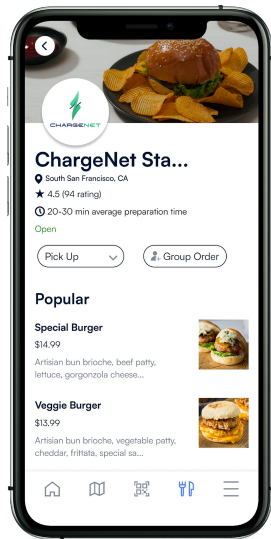
ChargeNet Stations partners with quick-serve and fast-casual restaurants to install electric vehicle fast-charging stations and renewable energy in their parking lots, at no cost to them.

Our software platform makes it seamless for quick-serve restaurants to offer customers a superior EV charge-up experience while satisfying their hunger.

ChargeNet Station's ChargeOpt™ hardware-agnostic SaaS platform optimizes EV chargers and renewable energy to balance charging rates and profitability for our partners and EV drivers.

Financial Outlook

- Pursuing a 120+ project portfolio with Taco Bell in 2022-2023
- 1st location in South San Francisco is operational
- 30 sites are currently in development, 18 in permitting, and six in construction
- Expecting ~\$9M in revenue in 2022
- Seeking \$100M in project finance for ~112 projects
- Proactively sourcing \$150M - \$200M in sponsor equity



Tosh Dutt – Founder and CEO
(858) 381-0458

tosh.dutt@chargenetholdings.com
www.chargenetstations.com

Floor 1, Clean Transportation & EV Charging

ChargeStation

Powering the future of mobility



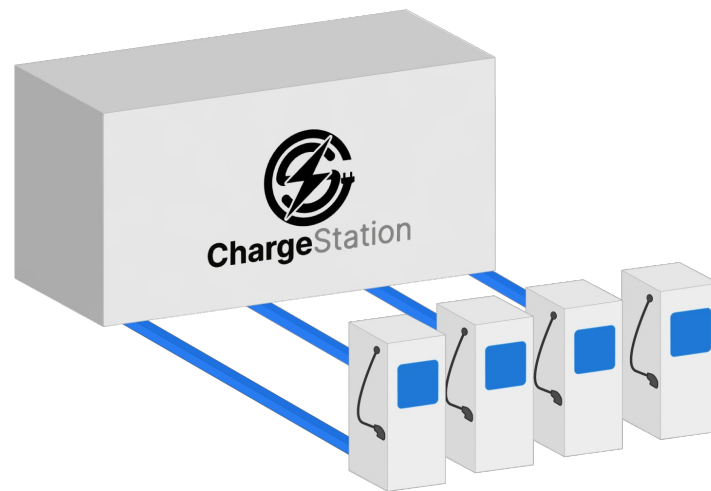
Shamayal Khan - shamayal@chargestation.io
chargestation.io

- Flagship “Charger Hub” reduces per fast-charger total deployment costs by up to **75%**
 - Target cost of **\$57k vs \$100k-\$225k** per charger
 - Invited for NSF SBIR grant to R&D
- Maintains an industry-leading charging rate (350 kW)
- Second product allows multiple vehicle types to be charged with 1 charger cable
 - Savings up to **\$2,500 per charger**

Raising Seed round (\$2MM)

Also seeking real estate & utility customer development

(details available upon contact)



The Charger Hub
Fulfills every technical requirement chargers have

Floor 1, Clean Transportation & EV Charging

Epoch Boats Inc



Tom Ward – tom@epochboats.com / 610-405-2398

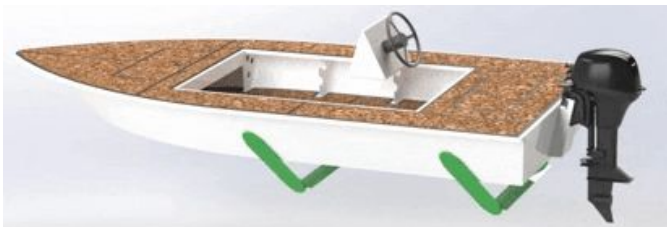
www.epochboats.com

Epoch is a hardware startup that designs and manufactures battery electric boats!

- Patent pending hydrofoil technology increases vessel speed by 50% and range by 3x while maintaining affordability
- Epoch's vessels compete with ICE counterparts in terms of performance and price to rapidly electrify the \$49B marine industry
- Founded by a proven team of experienced marine industry professionals

Epoch is raising a \$2M pre-seed round on a SAFE to build a 300 boat/year pilot production facility, start selling to waitlist customers, reduce BOM by 15%, and begin developing new boat models.

We seek intros to early stage hardware, climate tech, and mobility investors, especially those that lead rounds.



Floor 1, Clean Transportation & EV Charging

Albatross H2O Flyer



Forever Flight Worldwide

Ryan Wilkoff, rwilkoff@forever-flight.com, 310-367-0699

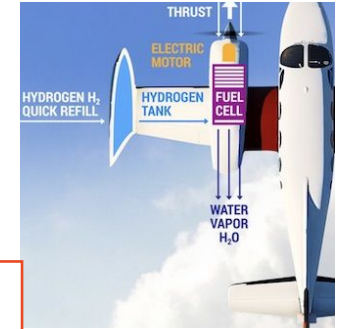
forever-flight.squarespace.com

Our team of aerospace engineers is designing a fleet of hydrogen fuel cell drones capable of fighting forest fires. This carbon free product will be manufactured by our team who has previously worked with defense contractors to build a drone from scratch

We are seeking \$350,000 for rapid prototype. Our team is in contact with a lab and has other partners from across Texas that are ready to go when we are funded.

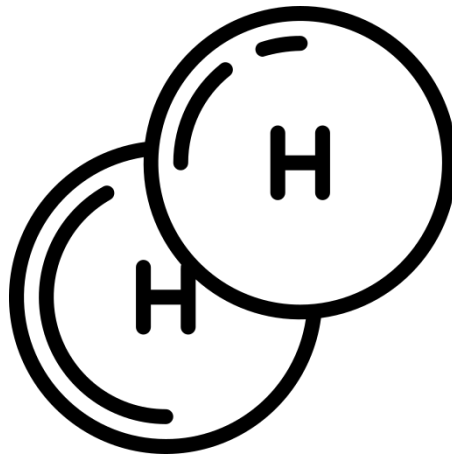
The Albatross H2O Flyer Fleet

- Pilotless UAV capable of carrying 175lbs of water per trip
- Zero emission technology
- More efficient and effective in fighting forest fires



Source: ZeroAvia

Hydrogen



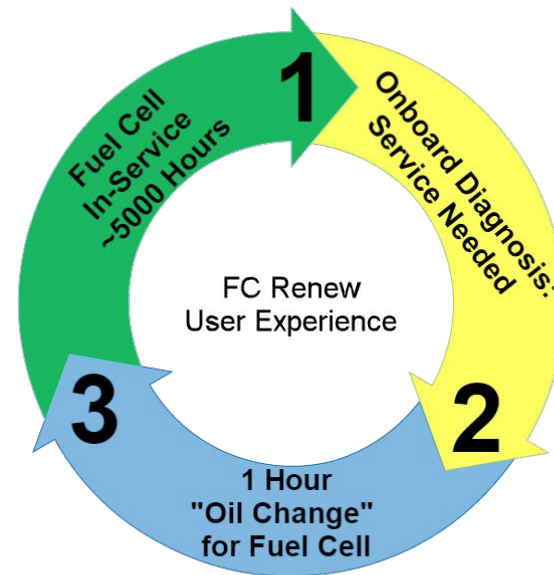
Extending the Lifetime of Proton Exchange Membrane Fuel Cells for Heavy Duty Applications

FC Renew, LLC

- June 2021 - \$550K - Innovation Crossroads
 - Feb 2022 - Feb 2024 **DOE CRADA NFE-21-08837**
- Aug 2021 - \$15K NSF Midwest I-corps Phase 0
- June 2022 - \$12K Army Xtech Clean Tech
- August 2022 - \$250K Phase I Army SBIR
- September 2022 - \$ 100K LaunchTN Matching Funds
 - Seeing equity round in Phase I

Renew the electrocatalyst at the electrode

- No stack swap or stack disassembly
- Process is repeatable
- Lifetime of fuel cell extended 6X+
- Renewal brings catalyst to 30,000 hr (1.2M miles)
 - *Department of Energy Ultimate Durability Target 30,000 hr



Power to Hydrogen

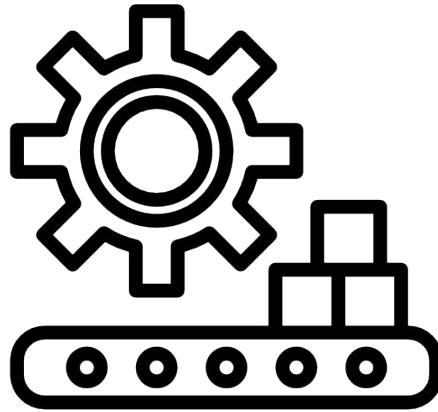
Alex Zorniger, VP of Business Development,
alexz@power-h2.com

Power-h2.com

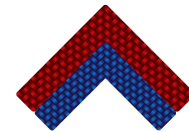
- Power to Hydrogen is a seed-funded company supported by Shell, NASA, Enel Green Power, and Amazon Web Services that is producing clean hydrogen by splitting water into hydrogen and oxygen through electrolysis.
- Our patented and trade secret protected AEM (anion-exchange membrane) electrolysis technology learns from the challenges of scaling up battery materials by eliminating or significantly reducing the precious metals used in electrolyzers while still providing high efficiency to produce hydrogen for under \$2/kg.
- We are based in Columbus, Ohio, have 17 employees, 5 PhDs and two founders with over 20 years of experience in renewables, batteries, and hydrogen.
- We are currently raising a \$12MM Series A round to scale our prototype from microgrid-sized (10kW) to industrial-sized (1MW+).



Materials & Manufacturing



ALD Technical Solutions



Davoud Zamani
CEO & Co-Founder

Ph.D. Chemical Engineering and Material Science


Email: davoud@aldtechnicalsolutions.com

Phone: 857 756 8465

Website: <https://aldtechnicalsolutions.com>

Composite WiRe Wrap™ Technology Grid Line Retrofit Solution

Lightweight and high strength composite installed by ROBOTIC
INSTALLER and cured in place around powerline.

- 
- 2X Increases Power Capacity
 - Improves Reliability and Resiliency
 - Prevents Wildfires & Power Outages
 - Costs 1/10 vs. Competitors
 - Requires No Downtime

Awarded \$934,000 Grant over 2 years

Looking for \$5M for 2 Years

Launch Product
Utility Pilot Demo

Floor 1, Materials & Manufacturing



Chad Wasilenkoff - CEO. chadw@helicoidind.com

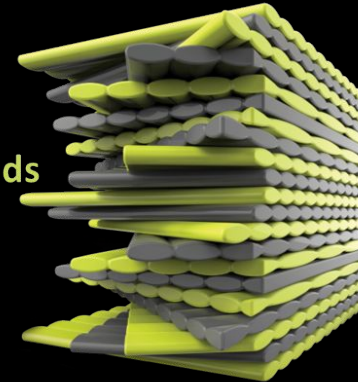
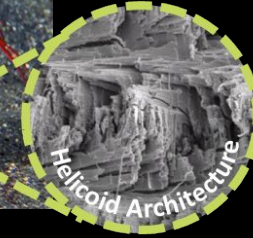
Biomimicry Technology

Helicoid has patented technology that will make all composites:

- Lighter
- Stronger
- More Impact Resistant
- More Durable
- More Sustainable, and
- All at a Lower Production Cost



"Smasher" Mantis Shrimp



EVs / Wind Turbine Blades / Aerospace / Sporting Goods

Quick Deployment

No Change in Manufacturing Equipment

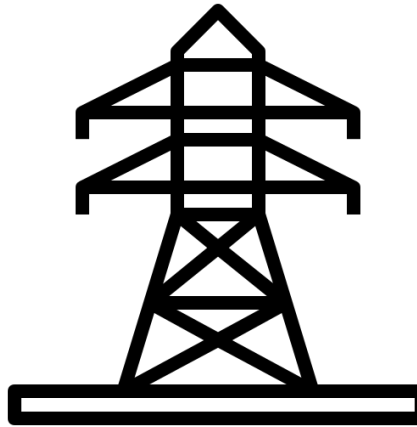
Over 30 Customers Engaged in Prototyping & Testing

Multi-Year Contract with Global Leading Composite Hockey Stick Company

Raised \$3.6m over past 3 years – Launching New \$1.4m Raise

Floor 1, Materials & Manufacturing

Grid Technologies & Resilience



Benchmark Labs



Carlos Gaitan – Carlos@BenchmarkLabs.com
BenchmarkLabs.com

National Weather Services and incumbent weather companies all over the world traditionally offer gridded weather forecasts, segmenting the globe into boxes like a Rubik's cube. Everyone inside of each box receives exactly the same forecast, regardless of microclimates.

Benchmark Labs offers a novel approach that provides **weather forecasts to a specific point**. We are a B2B SaaS company that integrates with leading IoT hardware manufacturers to optimize safety at energy installations, energy forecasting, labor scheduling, and protect against extreme weather events such as frost and heat spikes.

Hear how one of our customers increased their yield by 100%:

<https://abc7.com/abc7-solutions-farming-agriculture-water/11993118/>



techstars



PLUGANDPLAY

The Nature Conservancy

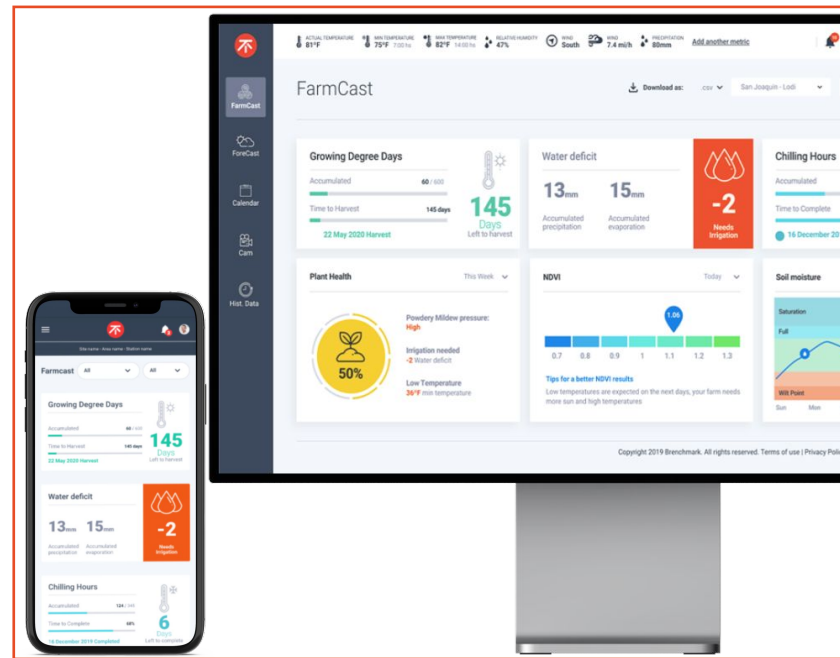
nextview

SNOWSPRUCE

BEYOND THE BOUNDS VENTURES

...and more

Active **Seed round**, inquire within for further details



Floor 2, Grid Technologies & Resilience



Darren Wolfberg
Co-Founder & CEO
darren@blockchaintriangle.io

1. Planning Series A Q1, 2023

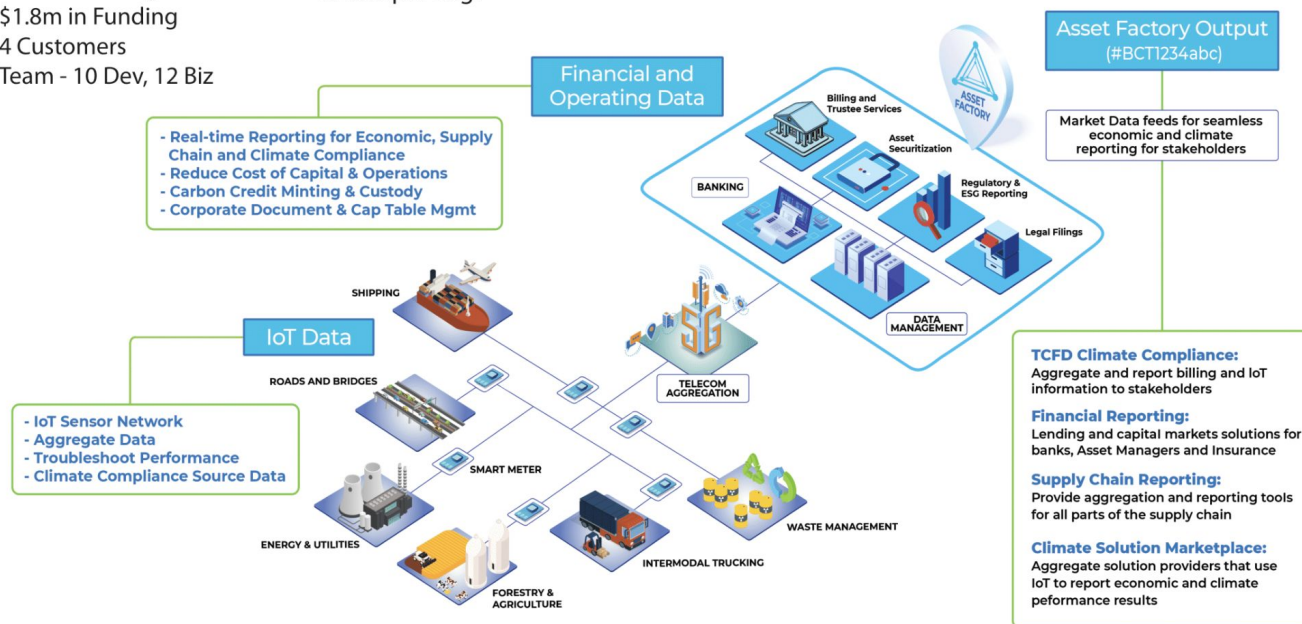
2. **Delivering:** Climate Compliance, Sustainability-linked Loans & Carbon Credit Minting & Custody

3. **Seeking customers in:** Banking, Asset Management, Insurance, Real Estate, Energy, Industrials, Materials & Utilities sectors, Governments - Municipal, State & Sovereign

Vitals:

Founded in 2018
Patent-Pending
\$1.8m in Funding
4 Customers
Team - 10 Dev, 12 Biz

AssetOS & Asset Factory forges digital twins by combining financial and operating asset information with IoT sensors to mint unique identifiers (#'s) for verifiable data aggregation and reporting.



www.bctrangle.com

Floor 2, Grid
Technologies &
Resilience

Point of Contact

CEO & Co-Founder

[Dr. Subarna Bhattacharyya](#)

subarna@climformatics.com

Phone: +1 408 533 5617

www.climformatics.com

CTO & Co-Founder

[Dr. Detelina Ivanova](#)

Detelina.Ivanova@climformatics.com

Phone: +1 650 714 3894

[Climformatics LinkedIn](#)

Actionable Climate-Smart Proactive Risk Resilience for Electricity Grids & Solar Utilities

We use climate/weather modeling, together with data science and machine learning to build a subscription-based, scalable, predictive tool that can **Predict** localized climate at any future timescale (daily, seasonal to years ahead).

- **Solar power forecasting** day-ahead to year ahead
- **Temperature, Rainfall forecasting** seasonal, annual
- **Fire weather forecasting** seasonal, annual

- Seeking early adopter customers, enterprise customers
- Seeking \$3M in investment for 2 years to go to market

UC Berkeley Students interning at Climformatics Fall '22.

CLIMFORMATICS

Winner of CALSEED concept award 2022.

PREDICT

PREPARE



PROTECT

[Click to explore demo MVP](#)

Credentials for Demo Portal Access:

Click Demo

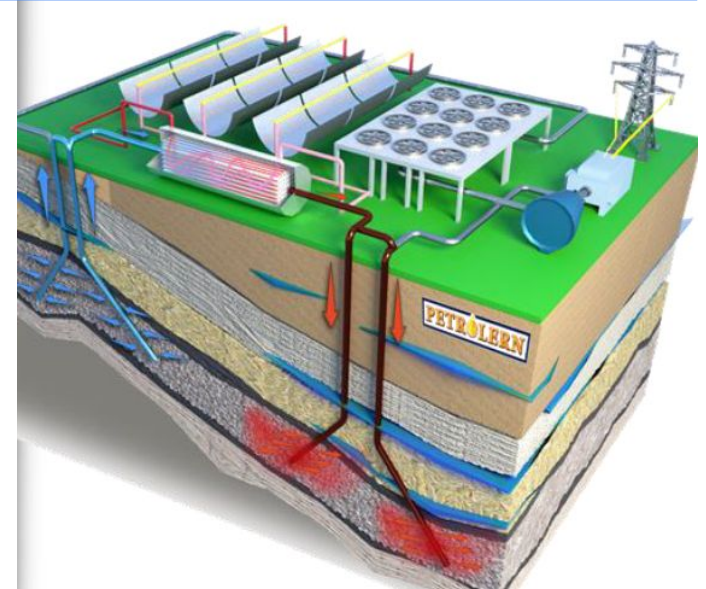
Use Login 'Guest', Password: 'Clim2016'

Petrolern



Emelie Gentry- Info@Petrolern.com

- **Synthetic Geothermal Reservoir (SGR):** Uses the subsurface as a medium for the storage of heat collected in concentrated solar collectors to reliably produce on-demand electrical power using the recovered heat.
- Solar-heated hot water is injected into the subsurface to be stored and produced later during high electricity demands and cooled water is recovered from power generation cycle and injected back into a cold reservoir or used for solar-heating.
- We are seeking investment
- We are seeking customer discovery interviews and partnerships





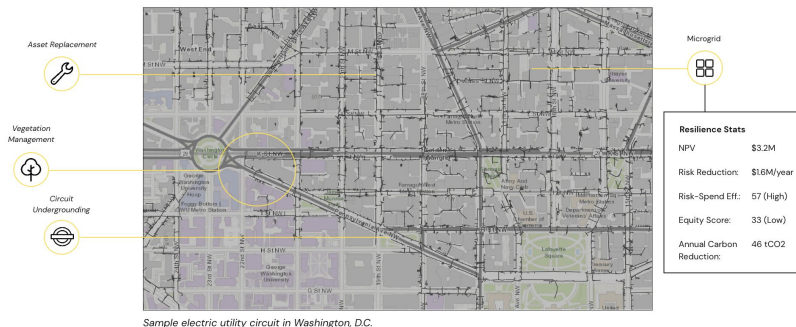
Mishal Thadani | mish@rhizomedata.com | 713.385.9729

www.rhizomedata.com

Rhizome is a SaaS platform helping utilities, governments, and corporations prioritize actions that mitigate threats from extreme weather.

- **Tech:** We create a geospatial representation of climate risks layered on a digital twin of assets, giving users a pre-modeled inventory of interventions to optimize climate adaptation strategies.
- **Raise:** \$2M SAFE, 18-24 months of runway for MVP & pilot execution with five utilities.
- **Asks:** Currently seeking customer discovery, pilots with utilities

The first comprehensive climate resilience platform for asset planners



Mustafa.Homsi@rivieh.com
614.404.6367

Problem

Building automation solutions require massive lists of hardware devices, significantly increasing their complexity and cost, and limiting intelligent control to large buildings with big budgets.

Solution

A consolidated and compact bill of material that is simple and inexpensive.

Product

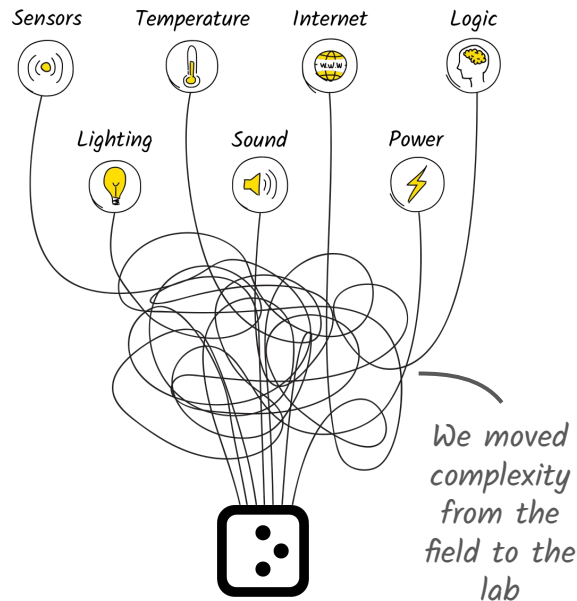
Solis™ is the most compact and lowest cost building automation solution on the market, designed explicitly for residential buildings.

Funding

SBIR NSF, CalSEED, and CEC EPIC.

Ask

Pilot projects, seed funding and inventory loans.



SolbloX AI

Clean power grid trading analytics software, helping unleash DERs to achieve grid stability & climate mission

Uche Isiugo, Ph.D. – co-Founder & CEO | Contact: 718-844-0719
Website: <https://www.solblox.com> | u.isiugo@solblox.com

Our novel electricity trading dashboards help digitize price predictions, buy/sell energy smarter & maximize revenue for:

- ✓ Distributed energy resources i.e. DERs leveraging VPPs
 - 110M rooftop solar/batteries, EVs today (8X by 2030 - \$52B)
- ✓ New IPPs & utility teams – automated pricing of contracts
 - Complex grid - 1TW of solar/wind, 427GW of storage in queues

SolbloX makes it easy to optimize DERs to provide grid services

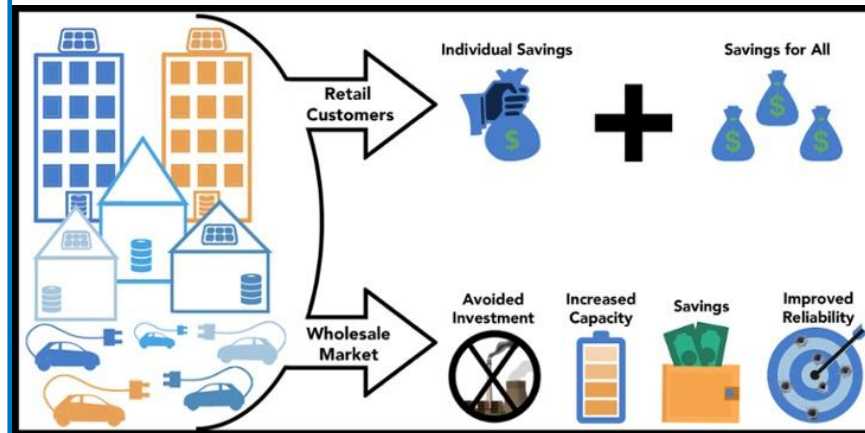
- ✓ Opens up exciting SolbloX monetization from trading – new FERC Order 2222 allows DERs stabilize grid, access power markets
- ✓ SolbloX fintech financing at scale to aid rapid decarbonization

Next steps:

- Raising \$2.5M pre-seed primarily for technology refinement
- Seeking partners across utilities, VPPs, cities/municipalities
- Dashboard integration, continue demos; Paid version rollout

World-class team w/ experience across DERs, renewables, utilities/grid, in investment, commercial, trading & data science areas (NextEra Energy, IFC, Enron Trading, Chevron, Boeing, Citi, Accenture)

The grid of tomorrow will be highly decentralized w/ DERs



TrueLight Energy LLC

TRUELight

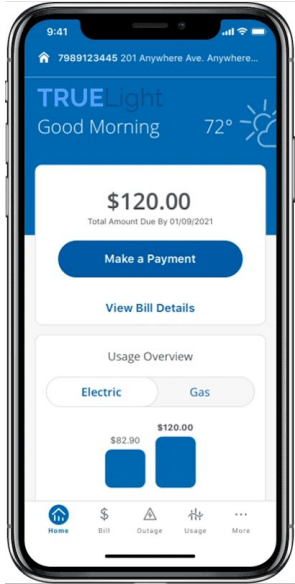
Michael Constantine

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<https://www.truelightenergy.com/>

- **TruePrice** technology brings smart energy into the palm of your hands
 - Lowest bill cost for electricity
 - Reduce carbon footprint
 - Deeper insights into purchasing decisions like:
 - Rooftop Solar/Community Solar
 - Electric Vehicle
 - Smart Home Devices/Appliances
- Seeking Seed Round Funding
- Team made up of the most experienced wholesale to retail energy data and market structure energy experts



TruePrice Mobile App Features:

- **Bill Payment & Management Tool - TruePrice** will provide real-time accrual of electricity costs as well as a forecast showing what your next bill(s) will be.
- Replace confusing utility bills with simple real-time solutions (paperless, autopay)
- Tips on how to save money through changes in usage patterns, ancillary purchases and other energy related choices
- **Renewables Rating** - tracker that shows how much renewable energy is on the grid at any moment. Empowering users with knowledge on when and how to increase the amount of renewable energy they consume.
- This is also a money saving opportunity as renewable energy is less expensive than traditional fossil fuels
- **Integration & Automation** - integration with ancillary products like smart thermostat, solar (rooftop/community), electric vehicle and more
- **TruePrice** can help meet budget or renewables goals without customer having to lift a finger



Gareth Evans – CEO - Gareth.evans@veckta.com – 916-597-8230

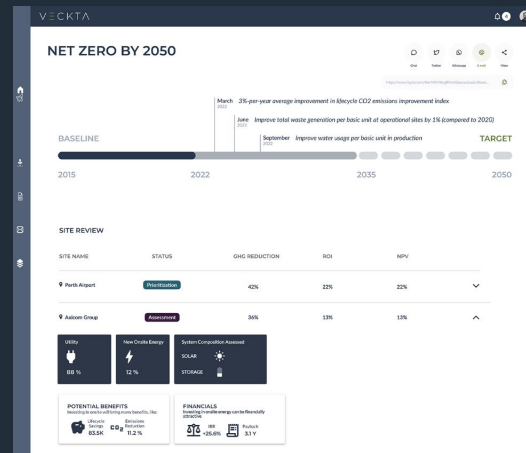
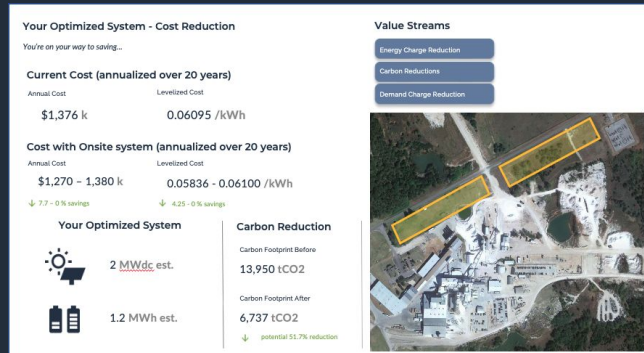
www.veckta.com

HELPING COMPANIES ANSWER THE FUNDAMENTAL QUESTIONS OF THE ENERGY TRANSITION TO DRIVE POSITIVE OUTCOMES:

- ☀️ **WHERE:** Determine the optimal sites among a portfolio to gain the greatest return on investment (ROI)
- ☀️ **WHAT:** Cut through the complexity and identify the optimal energy system (solar, storage, EV charging, fuel cells, generators, etc.) based on how a facility consumes and pays for energy
- ☀️ **HOW:** Different commercial structures yield different long-term outcomes and asking the right questions to suppliers in the market yield vastly different results
- ☀️ **WHO:** No need to be an energy expert, engage with the right suppliers in a vibrant, transparent and competitive marketplace to lead to major wins and efficiencies

ASKS:

- Are you a C&I business with a portfolio of facilities and an interest in simplifying and maximizing your energy transition strategy – please stop by.
- Interests in being a part of an exciting Series A round.



Floor 2, Grid Technologies & Resilience

Assess, design, deploy and monitor onsite energy solutions to meet your business objectives.
Take control of a more profitable and sustainable energy future today!

Methane Mitigation & CCUS



Compact Membrane Systems (CMS)

Nic Renard +1-267-901-0943
nrenard@compactmembrane.com

<https://compactmembrane.com/>

- **Decarbonizing hard-to-abate sectors:** CMS pioneers novel membrane systems in a proven platform for bolt-on, modular solutions, revolutionizing the way separations are done. Deployed in new or existing facilities to reduce energy consumption, reduce GHG emissions, expand capacity and deliver new sources of revenue.
- **Low-cost point source carbon capture:** CMS' newest Optiperm™ application uses patented facilitated-transport technology for low-pressure, low-temperature operation. Used in a **hybrid or standalone** format.
- **Investors:** CMS is pursuing first dilutive fundraise (series A) to reach commercial deployments in initial applications
- **Partners:** Seeking partners and customers to deploy our first carbon capture field systems: hydrogen, steel and cement



Our Optiperm™ technology is field-ready, here at [Braskem](#)

Floor 2, Methane Mitigation & CCUS

Dr. C. B. Panchal, cpanchal@e3-tec.com, (443) 812-5930

<http://e3-tec.com>

Conversion of CO₂ to High-Value Alkyl Carbonates

Technology

- Patented process of conversion of CO₂ to platform chemical Dimethyl Carbonate (DMC) with coproduction of glycols
- ASPEN Plus® design methodology for scale up
- Low carbon footprint and with competitive market value to syngas-based DMC process

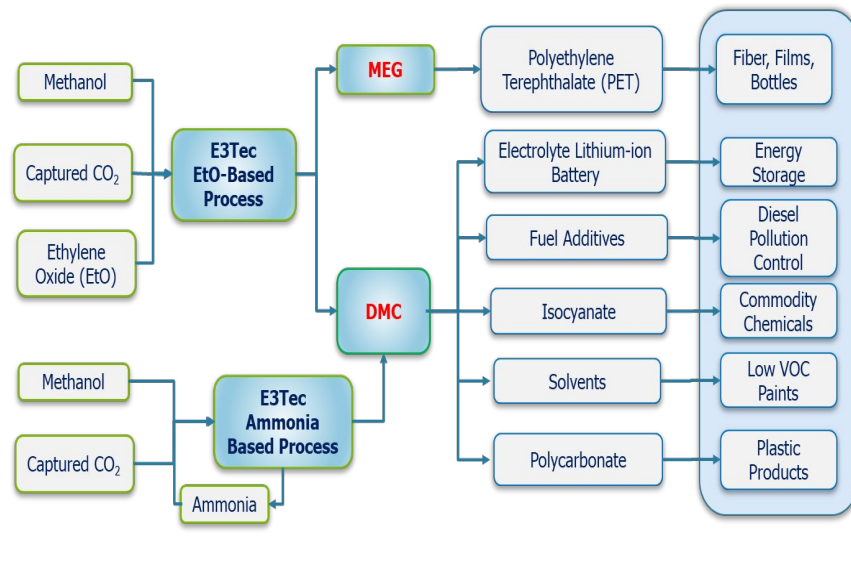
Strategic Collaboration/Investment Opportunity

- Technology Demonstration Unit to advance the technology from TRL-4 to TRL-6
- Potential cost-share project with DOE funding

Customer Discovery

- Message to the US industry for taking the lead for domestic production of alkyl-carbonate based electrolyte for expanding market of Electric Vehicles (EV).

Supply Chain of Dimethyl Carbonate (DMC) and Mono-Ethylene Glycol (MEG)



Onboard Dynamics, LLC



Rita Hansen, CEO | 206-291-3206 | Rita.Hansen@onboarddynamics.com
<https://www.onboarddynamics.com>

- We support the natural gas ecosystem in reducing global greenhouse gas (GHG) emissions safely and reliably through our innovative and practical commercial solutions.
- Our patented compression-based systems minimize methane and other GHG releases during pipeline operations and maintenance, mitigate GHG emissions from transportation vehicles, and capture methane that would otherwise be released to the atmosphere from other industrial operations.
- The GoVAC™ FLEX is our latest product offering and provides natural gas operators with the ability to adopt best practices for gas capture and recovery during pipeline blowdowns which reduces methane emissions.
- We are actively:
 - ✓ Hiring
 - ✓ Seeking Business Development Opportunities
 - ✓ Seeking Strategic Partners



Learn more about us here!



Floor 2, Methane Mitigation & CCUS

TERRACOH, Inc.

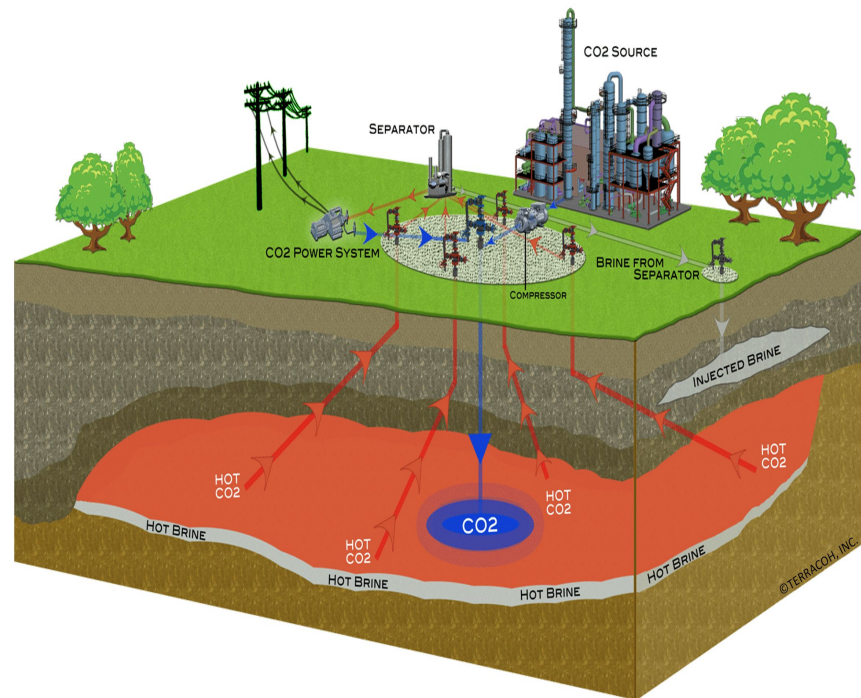


John P. Griffin – CEO

j.griffin@terracoh-age.com • 612.201.6896

www.terracoh-age.com

- TERRACOH's mission is to develop CO2 sequestration sites by implementing our intellectual property. Our intellectual property is much more capital efficient and safer for the site. After a sufficient volume of CO2 is safely below ground, TERRACOH has the option to fund and deploy an additional project at each site to cycle the stored CO2 through a closed loop to a terrestrial turbine to create multi-generational, baseload, dispatchable, geothermal renewable electricity
- TERRACOH is pre-revenue and presently seeking investment partners in our series A round. We are seeking \$25 million in investment and also seeking a capital development partner for the sequestration sites
- TERRACOH currently has revenue opportunities in sight for sequestration developments and site consulting. Multiple discussions with large emitters underway and formal contract discussions have started.



Waste Heat to Power & Geothermal



Anax Power



Michael Longo, Head of Business Development

mlongo@anaxpower.com

201-401-8603

www.anaxpower.com

Anax Power generates clean power from natural gas, without combustion. Anax uses a turboexpander to generate emissions-free power from the pressure and flow of gas moving through North America's pipeline system. Anax seeks customers interested in deploying projects on natural gas pipelines.

As a waste heat system, the 500kW Anax Turboexpander has the following benefits:

- Reduce pipeline Scope 1 Emissions
- Generate Renewable Energy Credits (RECs)
- 30% - 50% Federal Investment Tax Credit
- Pipeline modernization upgrade



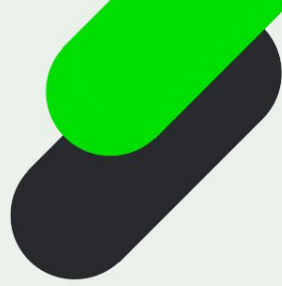
Floor 2, Waste Heat to Power & Geothermal

Farm to Flame Energy

Kwaku Jyamfi - kwaku@ftfenergy.com
570-242-7918

Farm to Flame makes carbon-neutral generators that operate at half the cost of diesel generators.

Our smokeless-odorless process enables low maintenance and partnerships with industry giants like Georgia Pacific (largest producer of U.S. Biomass Electricity).



Floor 2,
Waste Heat to Power
& Geothermal

SeebeckCell Technologies



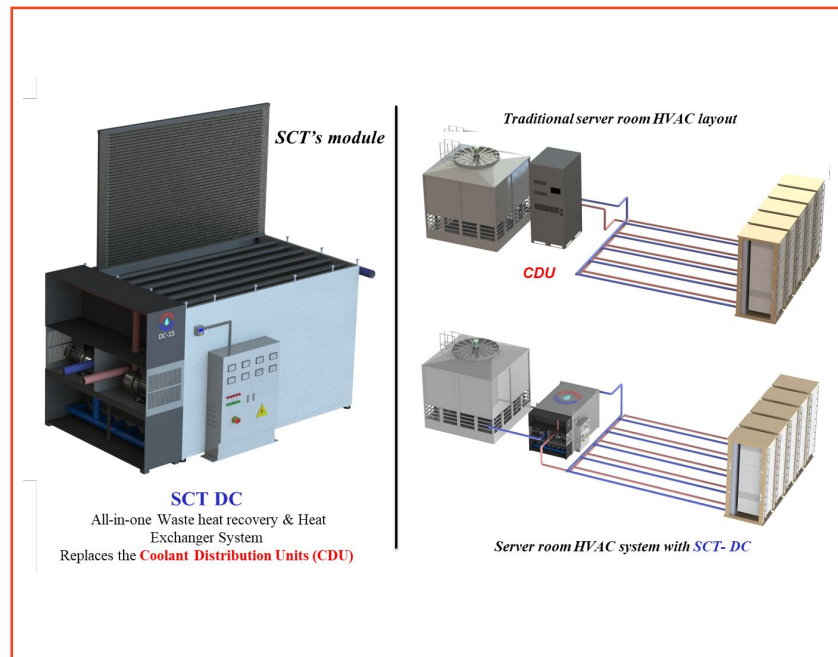
Ali Farzbod–Farzbod@Seebeckcell.com / (682) 521-2553

www.seebeckcell.com

SeebeckCell Technologies (SCT) develop and manufacture carbon-offsetting power solutions for industrial facilities by utilizing low-temperature waste heat at their site. SCT's beachhead product is for data centers (SCT-DC). It uses the platform technology in Coolant Distribution Units to recover low-temperature waste heat from IT equipment's and offset carbon emissions.

We are seeking 1.5 million USD for pilot development of SCT – DC with 50 tonnage cooling capacity.

SCT partnered with Chevron Technology Venture through their Catalyst program for the development of SCT products. We are seeking partnership for deploying SCT-DC pilots and co-development for other industrial applications.



Terrapin Geothermics Inc.



Gray Alton – gray@terrapingeo.com

www.terrapingeo.com

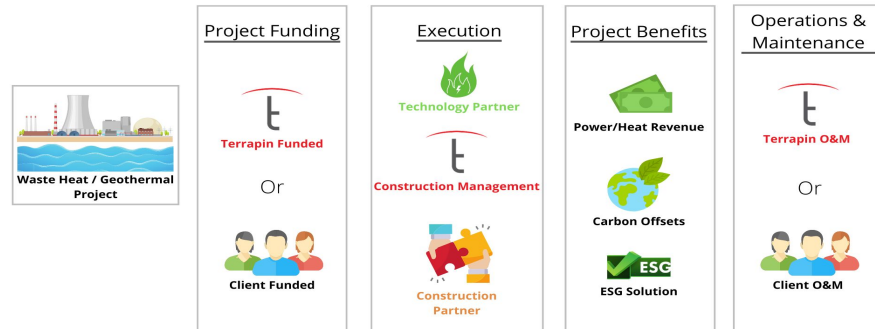
Let's connect on LinkedIn!



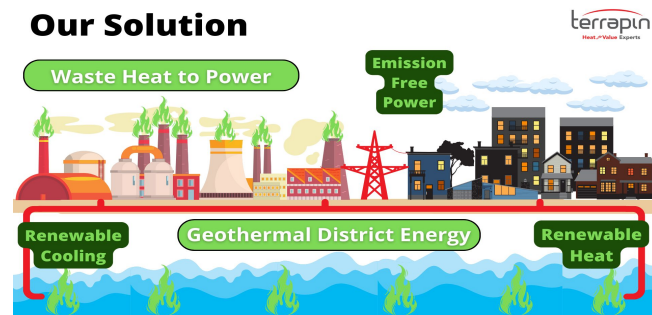
- Terrapin Geothermics Inc. (Terrapin) is a developer of industrial waste heat recovery and conventional geothermal resources
- Terrapin can develop projects in the following industries: power generation, oil & gas, steel, cement, glass, biomass, gasification and many others
- All Terrapin projects generate a baseload energy supply of emission-free power and/or heating/cooling from waste heat and geothermal resources, with all project generating carbon offset credits
- Terrapin has the ability to self finance our projects and offer a zero CAPEX solution where we can pay you for access to develop your waste heat resources

Our Business Model

Flexible Ownership Options with a **Zero** CAPEX Solution



Our Solution



Floor 2, Waste Heat to Power & Geothermal

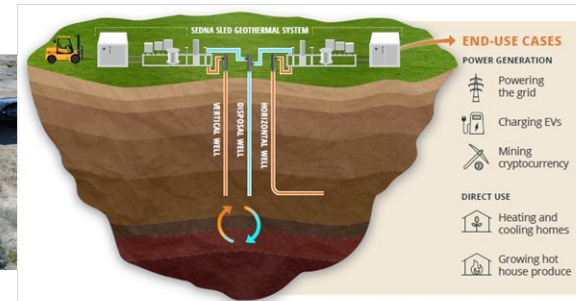
Transitional Energy

Salina Derichsweiler, CEO
info@transitional.energy / 303.990.3434

<https://transitionalenergy.us/>

Transitional Energy, based in Denver, is the first Indigenous-led, majority women-owned geothermal technology and energy developer in the United States, turning oil and gas waste streams into baseload renewable electricity. In May 2022, we were the first company to generate geothermal electricity from an operating oilfield in Nevada using private funding.

Since launching, Transitional Energy has successfully obtained grants from the state of Colorado, the state of North Dakota, as well as the Department of Energy. Additionally, customers have been receptive to its model of applying tried-and-true geothermal technologies to the oil and gas landscape driving accelerated growth for the company.





The Clean Energy Business Network (CEBN) is the small business voice of the clean energy economy, working to enhance opportunities for clean energy providers through policy support, market and technology information, and business development.

Learn more at www.cebn.org

[Subscribe to our email list.](#)

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