

2017
ECOCAPITAL
CONNECTIONS



OREGON / SW WASHINGTON

PORTLAND **WEBUILD GREENCITIES**



Eco-Capital Connection Companies

Advanced Materials & Chemistry

CSD Nano
eChemion

Diatomix
Green Endeavor Inc.

Advanced Transportation

Arcimoto, Inc.
KersTech, Inc.
Mogol Inc.

Ride Report

Clean Web

CMDSense
Res-Intel

Consumer Products

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ellumiglow
Spark Grills Inc

Environmental Technologies

Focal Technologies
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TryEco

Energy Efficiency

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Indow

Energy Storage

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HydroStar USA
Novasis Energies Inc.
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Green Building

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Bellwether Materials

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Honeycomb Corp

Smart Vineyards

Recycling & Reuse

Agave Soluciones Inc.
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HM3 Energy, Inc.

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The Renewal Workshop
Truly Organic

Renewables

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H2OPE Biofuels
Rute Foundation Systems
Perpetua Power

Smart Grid & Energy Intelligence

Green Energy Corp
R2B Microgrid Solutions
OpConnect

Water Technologies

C3 Backflow
Crystal Clear Technologies, Inc
Inpipe Energy
Puralytics
Waste2watergy LLC



**PROSPER
PORTLAND**
Building an Equitable Economy

Glossary

Development

-Product in research and development stage

Deployed

-Product is in beta testing, or a pilot is underway/ completed

Commercially available

-Product is available for sale to customers



NANOCOLOR

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3D Nanocolor is led by two former HP senior engineering and business leaders pursuing the opportunity to personalize the home and office with a novel smart window technology. We are accomplishing this goal using a technology under an exclusive license from HP Inc. (formerly Hewlett-Packard Company).

We are commercializing a disruptive electro-kinetic ink window technology, enabling customers to control glare and solar heat gain as part of the IoT. Glare and heat loss/gain through conventional windows are huge problems for almost any person in the world that has windows in their home or office. Most people solve these problems by spending more on window coverings than they do their windows - effectively turning the windows into a wall.

We are very interested in opportunities to meet investors and organizations that can lead to collaboration and the development of partnerships that leverage resources.

Focus: Green Building, Energy Efficiency, Advanced Materials

Product Development: Product Development



AGAVE SOLUCIONES

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The goal of the new business is to create a profitable solution for the waste agave fiber from the tequila industry and to take advantage of an opportunity that has emerged in the horticulture industry for alternative substrates to peat moss. There are more than one million tons of fiber waste (bagasse) generated by the tequila industry in Mexico. The challenge of managing tequila waste has grown more difficult as tequila has become more popular. The market for substrates has outstripped the traditional sources of supply with the emergence of the cannabis industry and changes in grower practices in the berry industry. The current market for substrates is expected to grow to \$2.5 billion in North America in the next five years.

This new business presents a unique opportunity to do well by helping a community and industry that truly needs the help.

Focus: Recycling & Reuse

Product Stage: Product Development





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Brian Moe | Vice President
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Agilyx innovation is the first to enable full-circle recycling technology that recovers valuable products from plastic waste. We are now commercializing a process to recycle previously un-recyclable waste plastics into high value, low carbon-intensity petrochemicals. Our Polystyrene-to-Styrene Monomer (PSM) Technology generates fewer greenhouse gases compared to traditional styrene manufacturing.

Key benefits and features of the Agilyx Styrene Production Process:

- Patented technology that is modular and scalable
- A circular economy solution for plastic waste, highest & best use principles
- Significant reduction of GHG compared to traditional manufacturing
- Sites identified, state permits in-hand, strong syndicate of strategic partners
- Creates high-paying, skilled, green-collar jobs

We are seeking growth funding for deployment of our technology to six plants in the United States.

Focus: Recycling & Reuse

Product Stage: Commercially Available



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APPARENT ENERGY

REVOLUTIONIZING THE WAY POWER MOVES

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Apparent Energy works to purify our energy grid while using less fossil fuel. The haze of our population centers is becoming more and more smoggy and toxic as more and more fossil fuels are being burned to quench our energetic thirst. This is true in the third world and the first world. We want to create intelligent products which provide essential access to goods and services. This will allow for more time and energy to be put towards increasing education, cottage industry mobility, and public health. Batteries are here to stay, let's master them. We understand the importance of battery life, both for our efficient use of materials (rare earth minerals, necessary chemicals), and for our sustainability. More recycling, less landfills!

Our products are ready for manufacture and we are looking for others to join the fun.

Focus: Energy Efficiency, Renewable Energy

Product Stage: Development



architectural applications

a2

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Our flagship product, the Airflow Panel, utilizes HVAC and building facade technologies to increase the operational efficiency of ventilation and energy utilization for commercial and multifamily residential buildings. Funded by the Department of Energy's ARPA-E program and with R&D in partnership with Lawrence Berkeley National Lab, Architectural Applications has secured initial customers and is ramping up manufacturing with Pohl, Inc. of America. Investment discussions are a welcome step at this time.

Focus: Green Building, Energy Efficiency

Product Stage: Commercially available



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Arcimoto, whose name means “Future I Drive,” was founded in 2007 to catalyze the shift to a sustainable transportation system. Arcimoto devises new technologies and patterns of mobility that together raise the bar for environmental efficiency, footprint and affordability. Arcimoto’s SRK is the first truly affordable everyday electric vehicle. Combining a thrilling, stable ride experience with ultra-efficient operation and unmatched daily utility, the Arcimoto SRK is the urban ride for the global marketplace.

Focus: Advanced Transportation

Product Stage: Deployed





Aunt Fannie's

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Aunt Fannie's improves the health of indoor microbiomes by creating biodynamic, evolutionarily adapted cleaning and pest solutions from unique, whole food ingredients.

All natural brands use synthetic plant-based or plant-derived ingredients labeled as 'natural'. Aunt Fannie's formulations are modernized, but millions of years in the making. Created from 95%+ unique, whole food ingredients which have evolved along with humans over millennia, our formulations are rated best in class as the healthiest and safest option for our families.

Each of us, along with our homes and families, are our own microbiome with billions of invisible allies that keep us safe and strong. Aunt Fannie's fosters these old friends. We help make your indoors come alive again, bringing people and health back home to the biome.

Focus: Consumer Products

Product Stage: Commercially available



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BellwetherMaterials

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Bellwether Materials manufactures and sells the safest, most sustainable, and the most effective green building insulation (both batts and loose-fill) available. Wool helps keep interior air clean by absorbing VOCs and other pollutants from other building materials. Our insulation is also one of the fastest to install and insulates 100% in any weather or temperature. Our batt product is patented and has been certified non-toxic by Cradle to Cradle. Our business is set up to be pro-social, as close to carbon neutral as possible and very profitable as we are going into a \$9B US market.

We are ready to sell. However, we need \$250,000 to produce our first run of products. We have interested buyers and distributors but we need to have our products available for quick delivery and warehousing.

Focus: Green Building

Product Stage: Deployed



C³Backflow

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At C3Backflow, we come to work each day to create and support technology that simplifies your backflow testing business. We are committed to delivering a product that our customers want. We don't just listen to our customers; we understand them and strive to anticipate their needs. You will not find a more satisfied customer than a C3 customer. We are changing the game with our revolutionary backflow prevention software solution. Our mission is to focus more time on maintaining a healthy water system and less on paperwork.

Focus: Water Technologies, Clean Web

Product Stage: Deployed



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CCT has developed four patented technologies for water treatment. We have just completed a successful three-year field pilot at the third largest power plant in the U.S., demonstrating that our NMX material can remove ionized metals and selenium from wastewater to ultra-low levels. We have out-sourced manufacturing of NMX and are now in a position to build a sales channel. CCT is raising investment to support the move from lab to commercial manufacturing and customer support.

Focus: Water Technologies, Environmental Technologies

Product Stage: Commercially available





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We've developed a construction surveying sensor system that is more accurate, quicker, and cheaper than current surveying tools. In our second-generation sensors, we will track and manage materials on a construction site as well as leave our low-power, energy-harvesting sensors inside the building for building management. With these sensors inside the building, we can track energy efficiency, humidity, seismic tracking and predictive maintenance. This will dramatically cut construction costs and reduce waste before, during, and after building construction. We are interested in connecting with corporate investors to help fund our sensor manufacturing and assist in getting our technology to market.

Focus: Clean Web, Energy Efficiency

Product Stage: Development





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Paul Ahrens | CEO

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CSD Nano provides MoreSun® multi-functional coatings to improve the performance of solar arrays and ag machinery windows. Solar array owners get a 3-5% increase in performance with a 2-3 year payback guarantee. Ag machinery owners get windows that require much less cleaning.

Focus: Advanced Materials and Chemistry, Renewables

Product Stage: Commercially available





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Diatomix's patent-pending photo-catalytic product helps reduce indoor air pollution and allow everyone to breathe a little easier. The technology adsorbs and actively and continuously degrades volatile organic compounds (VOCs) in the air by turning them into harmless carbon dioxide and water. The product is currently delivered as an additive in wall paint and floor coatings.

Diatomix is a two-year-old company that has raised early stage investment capital to develop its technology into a product. Currently the company is scaling up from lab batch to commercial levels through contract manufacturing. Additional capital is required to complete this activity, hire a business development executive, and convert current potential channel partners (paint and coatings companies) into paying customers and approach additional potential channel partners.

Focus: Advanced Materials & Chemistry

Product Stage: Deployed





DRONE COMPLIER

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Drone Complier enables the agriculture and forestry industry to gather timely data and analysis while staying compliant with all FAA drone regulations and other state regulatory requirements. We currently support Oregon State University, COCC (Bend) and many other organizations to further their workflow by including drones. We have investments from Portland Seed Fund, Rogue VP and Alliance of Angels.

Focus: Precision Agriculture, Clean Web

Product Stage: Commercially available



E-CHEMION

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eChemion has built its business around modifying inexpensive raw, unmodified graphitized carbon, that when chemically treated meets or exceeds the needs of a specific application. Our experience, expertise and partnerships allow us to both identify the raw material with certain required attributes and design a treatment that adds to or enhances the attributes so that the treated material behaves and performs like more expensive material. Our innovative patent-pending product outperforms the industry leader while selling for 30% to 50% less.

Higher performance, lower costs.

Focus: Advanced Materials and Chemistry

Product Stage: Deployed



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EcoPro Polymers Inc.

Developing Green, Sustainable Adhesives

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Hugh Mandal | Founder
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We provide formaldehyde-free, green and safe adhesives for interior building materials. Our mission is to substitute cancer causing formaldehyde based adhesives with our sustainable, environmentally benign adhesives. We have got several products based on our proprietary bio-adhesive technology. We have also completed product qualifications with two early customers in the Pacific Northwest. We are ready to scale our products and build our team to expand our business. That's why we are looking for strategic partnership and investment funds.

Focus: Green Building, Advanced Materials & Chemistry

Product Stage: Deployed





ELLUMIGLOW

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We are a new technologies lighting company delivering integrated solutions to wearables and apparel. Our company is looking to expand into many facets of the wearables and safety market and seeks a strategic partnership or lending opportunities.

Focus: Consumer Product

Product Stage: Deployed



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EV4 LLC is in the business of design, finance, manufacturing, installation and operation of its innovative solar ETM™ charging station and smart grid system.

EV4 has developed its solar powered EV charging station, trademarked as ETM™ (Energy Transfer Merchant) - a play on ATM. The fully integrated ETM™ station is equipped with a battery storage system and is capable of AC (Level 2) and DC2DC™ (patent pending) fast-charging of vehicles with renewable energy. The ETM™ battery system is grid-tied with a 3-wire single phase 120/240VAC residential connection, not requiring the costly 3-phase 277/480VAC connection which is common for all conventional DC fast chargers. Additional benefit of the battery system: no demand charges. Also, its battery system (standard size 50kWh) can provide power system back-up, grid support, and load balancing services. Like an ATM storing and dispensing money the ETM™ captures, stores and dispenses energy.

Several ETM™ stations have been installed in Oregon, Washington, California and The Netherlands.

Focus: Energy Storage

Product Stage: Commercially available





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eWind Solutions is a small wind energy company headquartered in Beaverton, Oregon. Our goal is to develop and commercialize a disruptive small wind system that is four times more efficient and half the cost of traditional wind turbines using tethered smart kites. We have received funding in the amount of \$925,000 to date from several federal SBIR grants and support from Oregon BEST as well as Prosper Portland. We are looking for potential investors, advisers and partners to support our first customer beta test that is targeted for Nov/2018. We have a great idea, solid team, target first market and enticing business case.

Come fly with us!

Focus: Renewable Energy

Product Stage: Development



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FOCAL

TECHNOLOGIES, INC

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(503) 804-0143 | www.focaltechnologies.us
Eric Steinmeyer | CEO
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We have designed, patented and successfully tested a system that uses concentrated solar to break down organic contamination in water and soils. We have developed a sustainable, low cost approach to remediation in remote locations and developing economies. Our initial market focus is on agriculture and dairy remediation but the system has been proven effective on other high impact contaminants such as cyanide, glycols, brewery waste and fuels.

In cooperation with Oregon State University we have proven that the use of concentrated solar can accelerate the breakdown of complex organics in waste water. Our IP is for the design and use of this concentration on all materials. The applications for this technology are extensive, and we believe that successful demonstration and utilization of this concept will provide opportunities for direct manufacturing and licensing opportunities.

Focus: Environmental Technologies, Water Technologies & Management

Product Stage: Deployed





GREEN ENDEAVOR INC.

Replacing the Bad stuff with the Good stuff that Works!

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(503) 475-4982 | www.greenendeavorinc.com
Chandra Brown | President
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Green Endeavor Inc. is an eco-focused solution provider. Our motto is, "We replace the bad stuff with the good stuff that works." We have a variety of products that are safe, effective and completely biodegradable and replace hazardous caustic and acid products in institutional and industrial settings, from breweries to food processors to power plants. By substituting our proven green technology products for the hazardous chemicals we often change the actual internal operating procedures which can offer substantial savings to our clients in water, electrical, and man hours as well as provide a safer, greener alternative for their employees.

Focus: Advanced Materials & Chemistry

Product Stage: Commercially available



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Peter Gregory | CEO
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Green Energy Corp (GEC) is a leader and pioneer in design and software engineering services for distributed energy generation, load management, and innovative microgrid controller solutions. GEC provides extensive engineering support and development toolkits to promote the implementation of smart grid and microgrid technologies throughout the world.

Focus: Smart Grid & Energy Intelligence

Product Stage: Commercially available





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HM3 TorrB® biofuel briquettes can serve as clean fuel for both coal-fired and biomass-powered electric generation plants. What's more, these energy-dense, solid biofuel briquettes can be processed from low-cost, abundantly available biomass such as tree trimmings, forest slash and sawmill residue. HM3 wants to license its technology to supply the rapidly growing international market for both coal and raw wood pellet fuel. TorrB® briquettes have numerous advantages over coal and raw wood pellets: 1) they burn much cleaner than coal, emitting virtually no mercury or sulfur and 30% fewer nitrous oxides when burned. 2) They contain 30% more energy than raw wood pellets, and burn more cleanly. 3) They have shipping and handling advantages over raw wood pellets.

HM3 has demonstrated its technology in a \$4 million demonstration plant completed in 2016. It is now preparing to engage licensees for first commercial plant construction.

Focus: Recycling & Reuse

Product Stage: Deployed





H₂OPE
BIOFUELS

Clean Energy for a Clean Future

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(303) 523 1811 | www.h2opebiofuels.com
Scott Plummer | Senior Scientist
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H2OPE Biofuels will create emission-free hydrogen production for commercial and industrial users. Our technology allows for commercial-scale production with significant reductions in capital and operating expenditures.

We are looking for grant partners to retire the remaining technological risk. H2OPE Biofuels has two issued patents covering biological hydrogen production from both algae and bacteria and a well established commercialization partner (Air Liquide).

Focus: Renewable Energy

Product Stage: Deployed





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Ryan Jenson | CEO
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Our company provides drone-enabled advanced data processing software for agricultural and environmental monitoring with an emphasis on production agriculture and water management. Our product line includes a rugged drone featuring a full-composite exoskeleton for industry leading durability, a compact guidance system, and advanced image processing software and data management to enable our customers to make informed decisions in their agricultural operations.

Focus: Precision Agriculture

Product Stage: Commercially available



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Estacada | OR 97023
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HydroStar USA has developed HERO: a new, low-cost system that produces hydrogen gas in industrial quantities from electricity, water and a proprietary, green electrolyte called B9. Validated by third-party testing, HERO is safe, efficient and economical. HERO has the potential to enable a cost-competitive and green hydrogen economy across many industries. Immediate opportunities exist in the current merchant hydrogen market for delivered gaseous and liquid hydrogen.

The simplicity of the system allows for commercializing a low-cost, low-risk, turnkey integration process without any additional breakthroughs. Our low cost allows us to immediately compete as a commodity, obviating the need for expensive marketing or branding efforts.

Focus: Energy Storage

Product Stage: Development





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Indow manufactures window inserts that press inside existing window frames to provide dramatic improvements to comfort, energy efficiency, and noise levels. The current generations of our inserts have a simple mechanical design: they are sheets of acrylic glazing edged with our patented Compression Tube. We laser measure every window opening to get the exact shape of the window frame and custom manufacture the insert to be the same shape but slightly larger so that the tubing compresses evenly all the way around, providing a near-perfect seal against air and noise infiltration.

Indow is seeking strategic investors to help us bring new products to market and to open new sales channels. We are planning lower cost products to broaden our appeal and also products for the smart home. We are also planning expansion into new channels in the USA and around the world. Strategic investment could be very helpful in realizing this vision for very rapid expansion of our proven product concept.

Focus: Energy Efficiency, Green Building

Product Stage: Commercially available



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INPIPE ENERGY

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InPipe Energy is a renewable energy and smart water technology company focused on generating low cost, clean electricity from the flow of water in gravity-fed water pipelines to improve security for industrial companies, cities and communities around the world.

InPipe Energy creates a new source of clean electricity, helps improve the economics of water management and reduces carbon emissions.

Focus: Water Technologies

Product Stage: Deployed





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KerSTech Vehicle Systems makes high efficiency drivetrain systems, with granted and pending patents for technologies that conserve energy in electric and hybrid vehicles. Our patent-pending TwinTorq high efficiency motor for electric vehicles (EVs) combines electric and hydraulic technologies in a single compact power unit to extend driving range and runtime by up to 40% naca. Hydraulic energy is used for acceleration and energy recovery, allowing electric energy to be used for range.

Focus: Advanced Transportation

Product Stage: Product development



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Traffic sucks. No one would pass on an opportunity to cut journey times in half. That's why we've built the Glide Active Traffic Management platform. Instead of displaying information on gantry signs, the Glide platform communicates to vehicles and mobile devices to display the information right on the dashboard of the vehicle. Instead of only providing variable speed limits and lane availability, we've enabled vehicle and equipment requirements, geo-referencing for pedestrian safety, local traffic only and autonomous operation zones, and given traffic managers the ability to influence routing, stopping congestion before it starts.

Can you imagine a future where this doesn't happen? Can you imagine ten years from now where your car isn't coordinating with the city or DOT like planes do with air traffic control? We're passionate about connecting cities, states, and vehicles together to solve traffic and safety problems.

Focus: Advanced Transportation, Clean Web

Product Stage: Development





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NemaMetrix's flagship ScreenChip technology enables real-time discovery of drugs and its molecular mechanisms of action and toxicity. Customers are currently using the ScreenChip technology as a platform for investigations into age-related health, neurodegenerative diseases such as Alzheimer's disease, and ALS (Lou Gehrig's Disease), arrhythmia cardiac diseases, developmental biology and environmental toxicology.

NemaMetrix is a post-revenue startup with a solid, and steadily growing, base of customers using our platform. Our marketing and sales growths are both fueled through NW investor support.

Focus: Environmental Technologies

Product Stage: Deployed



Novasis

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Our company is engaging R&D and commercializing an innovative sodium-ion battery technology for energy storage. A group of researchers have been developing this technology for the past five years and it is now at the stage ready for commercialization. The advantages to use this sodium-ion battery for energy storage are: low cost, long service life, inherently safer than lithium-ion batteries, environmentally more benign than lead-acid and nickel-cadmium batteries. It will enhance the penetration of renewable energy into energy grid.

We are currently making our prototype battery cells in Pacific Northwest National Labs and intend to scale up in a small battery facility for customer evaluation.

Focus: Energy Storage

Product Stage: Development





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OnTo Technology pioneered high efficiency recycle technologies for reclamation of lithium-ion batteries. Efficient recycling, usually overlooked in the planning stages, is absolutely critical for a successful electric vehicle, energy storage, or other large format battery system. Now with the maturation of lithium-ion in these applications, the opportunity is present for manufacturers and products to differentiate themselves with efficiency and lifetime costs - as well as pure performance. OnTo is interested in partnering with strategic companies to commercialize up-cycling of lithium-ion battery materials - to serve the battery industry at all product stages: new manufacturing, quality control, and end-of-useful life at early and late stages. The company is also interested in helping the vehicle and storage market to include recycling in the product analysis.

Focus: Energy Storage, Recycling & Reuse

Product Stage: Commercially Available





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OpConnect is the future of Electric Vehicle (EV) charging and related energy management. OpConnect's cloud-based, enterprise software platform allows utilities to directly manage, monetize and leverage the open standards-based EV charging network within their territory - whether they are owned by the utility or not. It allows the utility and its stakeholders to fully realize the potential of an integrated EV ecosystem - on-bill charging, demand reduction, vehicle-to-grid, peak shaving and resilience. The fully proprietary charging model employed today is ill-suited to serve this huge and evolving opportunity. OpConnect's open standards approach will become extremely important as Electric Vehicles become viewed as more than just load centers, but rather as true grid resources as we enter a Distributed Energy Resources (DERs) world.

OpConnect is currently raising a seed round while it seeks launch and pilot customers as well as strategic partners.

Focus: Smart Grid & Energy Intelligence, Advanced Transportation

Product Stage: Development





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Perpetua Power Source Technologies, located in Oregon (USA), is the leading provider of thermoelectric energy harvesting solutions for industrial wireless network devices, and has the technology to mix and match multiple renewable technologies to respond to industrial power needs in a broad range of applications. Perpetua is interested in securing additional capital to capitalize on new opportunities in the industry arena. Perpetua solutions are applicable for any market segment that desires to decrease or remove dependencies on line power or batteries.

Focus: Renewable Energy

Product Stage: Commercially available



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PDO Technologies

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PDO Technologies was founded in 2014 by Kevin DeWhitt with one simple goal: Leverage the collective 100+ years of experience he and the PDO team have accumulated, and successfully commercialize PDO's waste-plastic conversion technology suite. In addition to being a recipient of eight (8) patents in this field, Mr. DeWhitt also has several patents pending and more applications ready to be submitted. His recent technical discoveries have also generated renewed commercial interest in these types of conversion technologies. Mr. DeWhitt and his team believe that global commercialization of these now-maturing technologies will lead to localized environmental restoration, job creation and energy production. Their next-generation technology is based on a proven process approach, and the team has developed key relationships with up and downstream partners that are critical to the success of any anticipated project deployment.

Focus: Recycling & Reuse

Product Stage: Deployed





2827 SE 75th St
Hillsboro | OR 97123
(971) 279-6499 | www.puralytics.com
Rick Lockett | CEO
rick.lockett@puralytics.com

Puralytics has developed a patented water purification technology using a light-activated nanotechnology coated mesh which can both disinfect and detoxify water. It significantly increases contaminant coverage and decreases operational costs and waste associated with competitive systems. Compared to other technologies, the back flushing and cleaning operations are eliminated, and there are no contaminated filters or membranes requiring special disposal. Puralytics products deliver 100% throughput efficiency of water in treatment and are highly energy efficient compared to competing systems. Puralytics has entered the \$24.5 billion decentralized drinking water and industrial pure water market where water quality is critical and new requirements are well-defined. Puralytics has entered these markets through channel partners and with two product families, the SolarBag and the Shield, and has had early sales in 70 countries.

Puralytics is looking for strategic partners to utilize our products or core technology in their systematic approaches to water treatment and water issues.

Focus: Water Technologies

Product Stage: Commercially available





180 Herman Creek Lane #172
Cascade Locks | OR 97014
(510) 529- 5780 | www.renewalworkshop.com
Jeff Denby | Co-Founder/ Co-CEO
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The Renewal Workshop enables a circular economy for the apparel industry through a holistic business model. The Renewal System takes discarded apparel and textiles and turns them into renewed apparel, upcycling materials or feedstock to create recycled fiber. Apparel brands send us their unsellable product. We renew the apparel. We also track the data associated with handling the products and provide valuable feedback to the brands about defects that can be used to improve quality control in their supply chains.

The Renewal Workshop operates a fully functional renewal factory in Cascade Locks capable of producing up to 6000 renewed items per month with the capacities to expand to 15,000 pieces per month by expanding into adjacent buildings. We are currently running pilot programs with an additional 10 brands. We are bringing on one of the largest brands in the apparel industry this Fall and our operations will begin to rapidly scale. We are interested in connecting with investors to find the most appropriate funding partners to aid in our growth.

Focus: Recycling & Reuse, Sustainable Apparel

Product Stage: Commercially available



RES-INTEL

Business Intelligence for Smart Utilities

4528 SE Clay St.
Portland | OR 97215
(909) 660-0109 | www.res-intel.com
Hal Nelson | CEO/Founder
Hal.nelson@res-intel.com

Res-Intel has developed first-of-its-kind software that enables utilities to realize new gains in water and energy efficiency measures in residential buildings.

Utilities spend a lot of money on conservation programs. Building efficiency audits are expensive, and marketing for these programs is often ineffective. This makes it difficult for utilities to meet conservation targets put forth by the state and often means that they are missing out on incentives. Res-Intel's software enables utilities to perform benchmarking of residential building energy and water efficiency at a large scale, such as the entire utility's service area. The benchmarking process provides a grade of 1-100 of a building's resource efficiency which allows the utilities to see where the most gains can be made. The software is much cheaper than in-person building audits and enables the utilities to target customers that use a lot of water or energy with marketing for conservation programs.

We are interested in connecting with investors to raise funds to continue expanding our scope of potential customers and further develop our commercial building software.

Focus: Clean Web, Water Technologies

Product Stage: Deployed



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Ride Report

1300 SE Stark St
Portland | OR 97202
(503) 395-0096 | www.ride.report.com
William Henderson | CEO
william@knocktounlock.com

In 2015, I decided to focus on a goal that I passionately believe is good for the world: to use technology to encourage people to ride a bike more often. I started by working with city governments in Portland and Atlanta which wanted to promote biking and build better bike routes. Since then, we have developed a unique business model where cities pay Ride Report to encourage riding and gather anonymous data that helps urban planners. They focus on building better bike routes, we focus on building a great app, and we work together to make riding a bike easier and more fun.

Ride Report has been a self-funded operation for nearly three years and is now raising a seed round to fund further expansion of our team and market. We're looking for investors who share our passion for improving cities by supporting active transportation and who bring new backgrounds and expertise to our advisory team.

Focus: Advanced Transportation, Clean Web

Product Stage: Commercially available





543 NE Brazee St
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(503) 989-8078 | www.rutefoundations.com
Doug Krause | CEO
kraused@rutefoundations.com

Rute has developed a patent-pending design for wind turbine foundations that reduces material use by 50% and doubles the speed of installation. The product uses a post-tensioned beam system to replace the massive poured-in-place footers currently used by the industry. Founded by a team of civil, structural and geotechnical engineers, Rute's R&D over the last two years has been funded by the National Science Foundation and Oregon Best.

Rute is seeking funding to build its first commercial site and then scale up the team and manufacturing to begin selling into the US market.

Focus: Renewable Energy

Product Stage: Development





2828 SW Corbett Ave | Portland State Business Accelerator
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Benjamin West | Founder
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Spark grills are easy to light and easy to use for the newbie and decked out with sensors and useful features for the experienced griller. You can cook like a pro and make the world's best burgers, ribs, brisket.....even pizza, paella, or Thai BBQ. Cook great food, and grow your repertoire with a safety net.

Spark is a smart, sensor-enabled IOT hardware product with a recurring revenue charcoal fuel cartridge. By year five of sales, we anticipate the need for 30,000 tons of biomass resource in the Pacific NW, which would recur and grow on an annual basis. We make this work with a grill that has sensors feeding data to an onboard computer that manages the grill, combined with a charcoal fuel cartridge, with a variety of natural flavors that the grill knows how to light and utilize perfectly for a great cooking experience. From push button ignition to managing the temperature like your oven, and even tracking your fuel supply so you're always ready for spur-of-the-moment barbecue, we've got you covered.

Focus: Consumer Product, Clean Web

Product Stage: Development



SmartVineyards

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Hector Dominguez | CTO
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SmartVineyards offers sensor networks and data analytics solutions for better irrigation management in agriculture. SmartVineyards is running its fourth season of our technology, and we are looking to build capacity for scaling up and prepare for the 2018 season when we are planning to increase revenue streams from our products. In the 2017 season, SmartVineyards has developed new manufacturing processes and redesigned our system to facilitate installations and minimize failures in the field. We have joined the Portland State Business Accelerator community, which allows us to access expertise and facilities to make our work easier. In addition, we are preparing new analytics services for our customers that are expected to increase customer retention and satisfaction.

We are looking to connect with angel investors excited to contribute to save water in agriculture and make it a friendlier process to the environment.

Focus: Precision Agriculture, Water Technologies

Product Stage: Deployed



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Portland | OR 97210
(503) 505-1749 | www.tryecoinc.com
Steven Jennings | President
sjennings@tryecollc.com

TryEco is an innovator in biodegradable polymer chemistry. The company's line of super absorbent polymers (SAP) are soil amendments and seed coatings that increase crop yields with less water while improving soil tilth and biologics. The company's technology platform will also be leveraged to bring our clean chemistry super-absorbent polymers to other markets including personal care, cosmetics, oil and gas.

TryEco is raising capital to expand R&D, grow sales and marketing and ramp production through third-party partners.

Focus: Environmental Technologies, Water Technologies

Product Stage: Deployed





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(541) 753-7173 | www.waste2watergy.com
Yanzhen Fan | CTO
fanyanzhen@gmail.com

Waste2Watergy LLC (“W2W”) is commercializing an innovative microbial fuel cell (“MFC”) technology developed at Oregon State University for efficient wastewater treatment and simultaneous renewable electricity generation. We are seeking a worldwide exclusive partner, or geographic-specific exclusive partners, to commercialize the MFC technology.

W2W is already in receipt of multiple federal and local grants, including NSF SBIR/STTR phase I and II. W2W is pursuing additional funding of about \$1M in 2018 to scale up its manufacturing capacity, to be leveraged by NSF phase IIB funding (up to \$0.5M).

Focus: Water Technologies

Product Stage: Development



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Prosper Portland creates economic growth and opportunity for Portland. Our vision is to make Portland one of the most globally competitive, healthy, and equitable cities in the world by investing in job creation, encouraging broad economic prosperity, and fostering great places throughout the city. We aspire to be a workplace of choice with passionate staff excelling in an open and empowering environment and sharing a commitment to our collective success.

