








By industry focus









91 member companies as of February 13th





Industries

1. Agriculture, Water, & Waste
2. Building / Energy Efficiency
3. Chemicals & Advanced Materials
4. Energy Distribution & Storage
5. Energy Generation
6. Information / Communication Technology & Cleanweb
7. Robotics Automation
8. Transportation
9. Other
10. Corporate Members
11. Ecosystem Members

Agriculture, Water, & Waste	
	Alkemy Environmental – holds a patented technology solution for recycling industrial waste streams into structural grade lightweight concrete aggregate, eliminating the need to landfill harmful waste materials and to excavate the earth's crust for building products.
	AdaViv – has a machine-vision based solution which helps growers to maximize their profits by improving crop performance and minimizing the operational costs per cycle. They provide a mobile sensing solution that scans the entire crop 24/7 and collects visible and invisible plant-level data.
	Biobot Analytics – develops cutting-edge technology to transform sewers into public health observatories. It analyzes wastewater in order to assess the scope of epidemics, allocate resources, and gauge the effectiveness of programming over time. The first product measures opioids and other drug metabolites in sewage to estimate consumption in cities to provide data for addressing the problem.
	Cambridge Crops – is developing natural and edible solutions for extending the freshness of food.
	Energy Onvector – develops technologies that address the costly process of treating industrial wastewater. Our high-voltage Plasma Vortex and low-voltage Ion Pinch systems use innovations in advanced materials, electronics and fluid dynamics to deliver economic and environmental savings for industry's toughest water and wastewater treatment challenges.





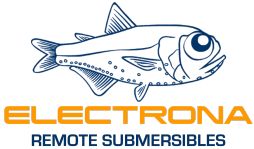

	Exact Lux – builds the most dependable lighting in the world. LED lighting degrades 30+ percent in its advertised lifetime. Their patent-pending Light Maintenance™ technology delivers the designed intensity and spectrum throughout the warranted lifetime of your LEDs.
	Infinite Cooling – has developed a patent-pending technology that uses electric fields to recover water from the evaporative losses of cooling towers so that the same water can be used again and again.
	Kula Bio – champions sustainable, biological solutions for modern agriculture. They pioneer technologies that supercharge the natural microbial processes that cycle air, water, and sunlight into the food we eat and the land that produces it.
	Promethean Power Systems – has deployed its Thermal Battery technology to over 650 villages in India which is enabling 35,000 farmers to chill milk without a diesel generator for the first time in India's history.
	Raptor Maps – builds software to increase the production of solar energy assets while reducing operational cost. They digitize the physical world, apply AI to remote sensing data, and optimize asset management
	Transaera – will provide a suite of energy products and services for the rapidly growing controlled environment agriculture (CEA) industry. An initial, unmet need is low-cost, efficient cooling of indoor farms.
	ZwitterCo – is introducing anti-fouling membranes for treating highly impaired wastewater.
Building / Energy Efficiency	
	MultiSensor Scientific, LLC – is developing a multispectral infrared (non-thermal) camera system to visualize and quantify methane leaks from natural gas infrastructure in real-time. By simultaneously imaging and determining gas density, critical repairs can be located and harmful methane emissions that are driving climate change can be reduced.
	SAF Systems – develops and sells a high-performance, eco-friendly, passive and active solar cladding system – particularly the Solar Active Facade (SAF) – for maximum energy independence of buildings.
	Peak Power – is a North American based energy storage services provider focused on delivering intelligent software and project solutions to offset the most expensive hours of electric demand for utilities and building owners.

Chemicals & Advanced Materials	
	<p>C16 – was founded with the objective of creating a sustainable, environmentally friendly alternative to conflict palm oil. By offering producers, refiners, traders and consumers of palm oil an opportunity to invest part of their production into bio-based oils and sustainability efforts, our aim is to reduce the environmental footprint of palm oil production and protect precious natural land, wildlife and resources in the process.</p>
	<p>NBD Nanotechnology – NBD Nano utilizes biomimicry to create functional and durable surface coatings that improve water collection, transport, and repellency. Key applications include: Industrial condensers, oleophobic glass/plastics, fog harvesting, and industrial plants.</p>
	<p>Proper Pipe – is an innovation start-up company designing new seal verification and monitoring technology for EF joints for use in the installation and repair of plastic pipes in the clean water, wastewater, gas and oil industries.</p>
	<p>Via Separations – Via Separations membranes will increase yield and reduce energy and operational costs for dairy, pharmaceutical, and chemical producers. They are spinning a new membrane material out of Professor Jeffrey Grossman's lab at MIT in order to address the 12% of US energy use that is dedicated to separation processes.</p>
	<p>Solchroma Technologies – builds the world's most vivid, full-color reflective digital displays for our future Smart Cities: the next generation of digital signage. Inspiration by cephalopod camouflage mechanisms, our unique approach to color generation enables dynamic digital capability with a vivid, printed look.</p>
Energy Distribution & Storage	
	<p>Battrion – develops and markets innovative fabrication technologies for lithium ion batteries aimed at increasing the charging speed of high energy density cells. By innovating on a single step in the industrial battery manufacturing processes, our patented Battrion technology improves the microstructure of the negative electrode, which constitutes the bottleneck for fast charging. The Battrion technology platform allows cell manufacturers to meet the growing performance, cost and safety requirements.</p>
	<p>Form Energy – is developing a brand new class of ultra-low cost, long duration energy storage systems. With these new systems, renewables can be made fully firm and dispatchable year-round, and transmission capacity can be expanded without the need for new wires. If Form is successful, the global electric system will be entirely reshaped, and given new form.</p>
	<p>Goplug – created the World's First SMART power bank with AC (wall plug) power. The SMART technology (Bluetooth enabled) embedded in the power bank allows the power provider to monitor power consumption, track the device, and enable energy flow much like an on-grid utility system can-- all from any location worldwide. The mobile app allows users a battery management solution, timer controlled powering, alert notifications, GPS, and G-sensors (movement alarm) for security.</p>


 GRIDSPANENERGY	<p>Gridspan Energy – is pioneering a novel approach to electricity transmission with the goal of advancing clean energy access and security for island electricity markets. Grid-weak regions and island communities typically have worse access to affordable, resilient, and clean energy solutions than their mainland counterparts – Gridspan Energy's mobile energy storage transmission (MEST) technology will change that.</p>
	<p>Heila Technologies – is developing the next generation of optimization technologies for DERs to help accelerate the adoption of clean energy. Contrary to current solutions, which often favor a top-to-bottom centralized approach, our Decentralized Optimization and Control Platform leverages asset-level control to transform each DER into an independent agent in an internal energy market.</p>
 Helix Power	<p>Helix Power – is building next generation advanced flywheels for megawatt scale power burst management. Helix power has assembled a world-class team and attracted a strong group of partners, collaborators, funders and supporters.</p>
	<p>Ivys Inc. – is passionate about making the hydrogen future possible and driven to make fuel cell vehicles the norm rather than the exception. We are enabling this market by developing and providing safe and cost-effective fueling solutions; this includes distributed power generation, residential combined heat and power and on-site hydrogen generation and dispensing.</p>
 Open Water Power	<p>L3 Open Water Power – is developing a novel Aluminum-Seawater Reactor with the potential for disruptive impact for undersea power generation. Invented and patented by its founders, the electrochemical system provides quiet, scalable, non-toxic energy storage and generation, with over 10x the demonstrated energy density of Li-ion batteries.</p>
	<p>Medley Thermal - delivers clean, low-cost power to industrial heating processes, enabling industry to reduce energy costs and carbon emissions while facilitating renewable integration with the grid.</p>
	<p>NewGrid – develops decision support software for electric power transmission system operators to minimize congestion by routing power around congested areas. Routing is achieved by reconfiguring transmission systems through switching of high voltage circuit breakers. Our software enables reductions in the overall cost of electrical energy to consumers, eases renewables integration, and improves reliability and operational control of the grid.</p>
 OffGridBox	<p>OffGridBox – is an all-in-one system that uses solar to provide sustainable energy, safe water, and wifi to off-grid locations and communities.</p>
 SolarKal The Premier Solar Broker	<p>SolarKal – is the first and leading brokerage and marketplace for commercial solar.</p>





 SparkCharge	SparkCharge – is creating a more efficient and connected world of transportation by solving the problem of range anxiety with our ultra fast, portable and modular charging station for electric vehicles.
 Sparkplug Power	Sparkplug Power – Builds, Owns and Operates networks of Distributed Energy Storage as a Service for customers. Our customers are Municipal Utilities and Commercial Businesses. We maintain a Network of Storage to manage Peak Power Demand and are paid a service fee through a Long Term Service Contract. Demand Charges constitute between 30-70% of commercial electric utility bills. Sparkplug plugs our battery systems into your electrical system before the meter eliminating the peaks in your demand and shifting a portion of your energy usage from day to night. By managing Peak Demand - we give you Cheaper, Cleaner, More Reliable Power.
 SRECTrade	SRECTrade – provides cloud-based services to the clean energy industry with an expertise in managing, transacting, and processing environmental incentives
	Titan Advanced Energy Solutions (AES) – is developing and producing advanced battery management systems for lithium ion battery (LiB) consumer electronics, automotive and storage markets.
Energy Generation	
 Blackburn Energy <small>Powering The Future Of Trucking</small>	Blackburn Energy – Blackburn Energy's RelGen system successfully creates inexpensive, clean and "quiet" electric power in long haul trucks enhancing driver comfort, addressing EPA restrictions on engine idling, reducing maintenance cost, providing significant fuel savings and increasing truck up-time.
 BLUE SKY ENERGY	Blue Sky Energy – makes advanced MPPT Solar Charge controllers that provide the power you need when you need it most. Using advanced circuit design and construction methods honed at MIT, then refined by deployment in the harshest earthly conditions, Blue Sky Energy and Genasun charge controllers provide the most reliable and efficient power management systems available.
	Dynamo Micropower – Proprietary low cost, ultra-portable microturbines with applications including oil & gas, portable power generation, and distributed residential and commercial cogeneration.
	Eden GeoPower, Inc. – is revolutionizing the energy industry by combining renewable energy and blockchain to develop off-grid geothermal resources. The value created will be in the form of a security token built, designed, and distributed by Eden. Developed by two Massachusetts Institute of Technology graduates, researchers at Louisiana State University, and sponsored by the United States Department of Energy, our patent-pending Zero-Mass-Withdrawal (ZMW) system allows Eden GeoPower to retrofit abandoned oil, gas, and geothermal wells into operational geothermal power plants.
	FGC Plasma – uses plasma to stabilize combustion for a wide variety of lean combustion systems, leading to increases in efficiency and operability as well as decreases in emissions. Thanks to our plasma assisted fuel injection systems, we can





	create cleaner, lighter and more efficient engines, in particular for aerospace applications.
	InnoSeptra – InnoSeptra's technology platform offers significantly reduced costs and energy consumption for a variety of gas purification challenges. They are focused on de-carbonizing our energy system; from making renewable gas more cost-effective to capturing carbon before it leaves the power plant.
	LineVision – combines advanced non-contact sensor and analytics technologies to give utilities more reliability, capacity, flexibility and resiliency on their transmission lines.
	Pecos Wind Power – is developing a low wind speed 85kW wind turbine for distributed generation. By coupling a low LCOE turbine with a Solar City-style business model, Pecos is the first company to make switching to wind power simple and cost effective. Pecos' PW85 turbine can be installed next to schools, businesses, and municipalities to reduce their cost of electricity.
	Resonant Energy – works with homeowners across the income spectrum, multi-family buildings, nonprofits, and small businesses to install high quality solar systems at discounted rates with financing that works for everyone. They offer one of the only programs that makes solar accessible for low-income households and nonprofits.
	Sistine Solar – offers the world's first solar digital billboards, signs, and street furniture. We design, engineer, and build beautifully sustainable dynamic displays for brands, cities and outdoor advertisers.
	Sunwealth - is a pioneering clean energy investment firm determined to unleash the power of commercial solar. Through its proprietary investment platform, which dramatically simplifies the investment process, Sunwealth delivers excellent returns <i>and</i> meaningful impact to a growing community of investors.
Information / Communication Technology & Cleanweb	
	Altaeros Energies – Altaeros' mission is to deliver the next generation of infrastructure to rural and isolated communities and have fun doing it! At Altaeros, we believe that everyone should have access to the basic building blocks that allow a fulfilling, prosperous life, whether they live in a megacity or in a rural village. We also believe in the power of innovation to make this a reality. Our SuperTower uses the world's first autonomous aerostat platform to permanently deploy high-speed mobile broadband in rural markets at a fraction of the cost of alternatives.


	<p>Fairwaves – makes rural mobile coverage profitable. We have built a unique technology that significantly lowers the cost of deploying and operating mobile networks in rural regions. Fairwaves is gaining a footprint in the telecommunications space by helping Mobile Network Operators (MNO) to roll out mobile networks to reach up-to 1.6 billion new customers.</p>
	<p>Palmos – creates wireless sensor network solutions for hydrological risk prediction.</p>
	<p>SteamIQ – has developed, and applied for IP, on an ultrasonic steam trap monitoring system unlike anything else available. The company utilizes creative circuit and sensor design, along with LoRaWAN connectivity to enable vast facilities to monitor their steam trap population for faults.</p>
	<p>Tagup – offers industrial equipment manufacturers a cloud-based solution to track products' sensor, location, and static data in real-time. We enable manufacturers and their supply chain partners to have complete visibility into a product's operational status, improving service contracts and generating new sales opportunities.</p>
<p>Robotics Automation</p>	
	<p>Autonomous Marine Systems Inc. (AMS) – has developed the world's most advanced robotic sailboat dubbed simply: Datamaran. The craft is capable of operating autonomously on long duration missions over massive geographic distances.</p>
	<p>Dexai Robotics – builds flexible automation for restaurants, to prepare great food using existing recipes in existing kitchens. Their technology is based on techniques for manipulating deformable materials in unconstrained environments using articulated robot arms.</p>
	<p>Domovi – designing the future's next generation of appliances for the modern home. They're challenging the "good enough" design model and bringing it into the 21st century.</p>
	<p>Electrona Robotics – Electrona is a Somerville-based startup focused on developing low-cost underwater drones. Their remote submersibles allow anybody to shoot HD video, collect scientific data, and recover objects beneath 300 feet of cold, dark water. Or simply explore under the local dock. Electrona aims to put powerful marine technology in the hands of regular people, because 70% of the planet shouldn't be out of reach, out of sight, and out of mind.</p>
	<p>Rise Robotics – manufactures a NEW mechanical motion technology that replaces whole hydraulic cylinder systems. It's called RISE Cylinder. It provides motor-to-movement solutions from subsea to space.</p>

	<p>Root AI – is building intelligent systems that solve the biggest problems facing the indoor farming industry.</p>
	<p>Spyce – is a passionate group of engineers and food aficionados that want to change the way people eat on the go. Our knack for robotics and expert taste buds are driving technologies that will add a whole new flavor to the world of fast food.</p>
	<p>WaveSense – is enabling robust all condition autonomous vehicle lane keeping using radar fingerprints of the roadbed.</p>
Transportation	
	<p>Accion Systems – is an MIT spin-out providing propulsion systems to the rapidly growing satellite industry. Their proprietary ion beam technology addresses an industry-wide pain point – it's smaller, safer, and less expensive than existing solutions.</p>
	<p>De-Ice – aims to permanently change the way airplanes are de-iced, from an expensive, slow and unsustainable chemical treatment to a novel electric method. De-Ice's product will be manufactured directly onto airplanes, completely eliminating chemicals from the de-icing process and eradicating takeoff delays, at a fraction of the current costs.</p>
	<p>Prime Lightworks – makes breakthrough electric propulsion systems for space satellites that are solar powered, fully renewable, and consume zero fuel. Our goal is to eliminate fuel emissions from space propulsion while drastically reducing cost and waste..</p>
	<p>Sensible Spreader Technologies – is bringing operators of winter road maintenance and street sweeping fleets together in real-time through the implementation of their Coverage Indication Technology in order to: economize resources, increase safety, and decrease our impact on the environment.</p>
	<p>Vecarius – is developing an exhaust heat recovery system that generates electricity and reduces fuel consumption and emissions of vehicles by 5 and 10%, achieving hybrid-like benefits at far lower cost.</p>
Other Industries	
	<p>Agira – a photonics company developing products for energy generation and energy efficiency of solar panels, displays and lighting using its innovative light trapping and light collimating waveguide technology.</p>

	Axiom Optics – offers the highest quality optical instrumentation for Light Microscopy, Optical Metrology, Advanced Imaging and Laser Beam characterization.
	EMBR Labs – is creating the Embr Wave, the first wristband that changes temperature to make people feel more comfortable when they are too cold or too hot.
	Inspiralia – is a New Product Development Service Company from Madrid, Spain. They help their clients raise non-dilutive funding, improve their R&D processes and take over & execute entire R&D activities in their own labs. Their research activities focus on Advanced Materials, Nanotechnologies, Water & Wastewater technologies, Computational Simulation and Electronic Engineering.
	SICdrone – utilizes commercial aerospace quality assurance and advanced materials along with thrust vectoring to provide a massive speed, efficiency and range increases over aircraft of similar size and payload capability. The team at SICdrone aims to produce the first aircraft ever with both supermaneuverability and superintelligence.
	Quantum Diamond Technologies (QDTI) – is developing novel quantum devices and sensors that exploit the unique properties of diamond. QDTI uses technology based on fluorescent crystal defects that can be used as sensitive electric and magnetic field probes, thermometers, quantum bits, and photonic elements – all at the nanoscale.
	Silverside Detectors – helps governments reduce the threat of nuclear terrorism. Our lithium thermal neutron detection technology matches the performance of standard He-3 radiation detectors, but at 1/10th the price. This inexpensive radiation sensor is low-cost and efficient enough to be a "connected device" for networks of discrete detectors.
	Trace Matters – is a technology startup focused on developing the next generation of mass spectrometry instrumentation for a variety of demanding applications. At Trace Matters, we create innovative mass spectrometry hardware, methods, and applications to solve the most demanding chemical analysis needs in various industries. From developing ion sources to operate on Mars to heavy metal detectors to in water and clean energy, we, together with our partners, design and prototype instruments to assist our partners fulfill their missions.
	Voxel8 – bringing novel materials to 3D printing. We will embed function into the typical shapes of 3D printing. Our materials, based on research by Harvard SEAS Professor Lewis, allow us to print embedded conductors, wires, and batteries into the normal matrix materials of 3D printing.
Corporate Members	
	Arrow Electronics – is a global provider of products, services and solutions to industrial and commercial users of electronic components and enterprise computing solutions. Arrow serves as a supply channel partner for more than 150,000 original equipment manufacturers, value-added resellers, contract manufacturers, and commercial customers through a global network.
	Air Liquide – is a multinational company which supplies industrial gases and services to various industries including medical, chemical and electronic manufacturers.

	<p>BASF – creates chemistry for a sustainable future. They combine economic success with environmental protection and social responsibility. Through science and innovation they enable their customers in nearly every industry to meet the current and future needs of society. BASF Corporation is the largest affiliate of BASF SE and the second largest producer and marketer of chemicals and related products in North America.</p>
	<p>Draper – focuses on the design, development and deployment of advanced technological solutions for the world’s most challenging and important problems. Draper provides engineering solutions directly to government, industry, and academia; work on teams as prime contractor or subcontractor; and participate as a collaborator in consortia. They provide unbiased assessments of technology or systems designed or recommended by other organizations — custom designed, as well as commercial-off-the-shelf.</p>
	<p>DSM – is a purpose-led global science-based company in Nutrition, Health and Sustainable Living. DSM is driving economic prosperity, environmental progress and social advances to create sustainable value for all stakeholders. DSM delivers innovative business solutions for human nutrition, animal nutrition, personal care and aroma, medical devices, green products and applications, and new mobility and connectivity.</p>
	<p>Saint-Gobain – is the world leader in the habitat and construction markets, designs, manufactures and distributes building and high-performance materials, providing innovative solutions to the challenges of growth, energy efficiency and environmental protection.</p>

Ecosystem Partners	
	<p>Anzu Partners – is a private equity/venture capital firm focused on industrial innovation.</p>
	<p>Beantrust – In our fast-paced, data-driven world, beantrust is all about people. For each customer, Erik creates a customized, delicious coffee program. In addition to serving first-class cold brew, fresh roasted coffee, and chilled herbal infusion, Erik brings a taste of coffee's rich history and culture to some of Boston's most innovative technology hubs. In striving to provide a service-level of excellence, beantrust is energizing and engaging the workplace community in a unique way.</p>
	<p>Capital Energy - We'll Design, Build, and Finance your Energy Efficiency initiatives</p>
	<p>Exakom – Exakom is a software vendor specialized in industrial automation solutions. With PLUTO LIVE REPORT and PLUTO M2M, Exakom provides 2 solutions to easily leverage and manage plant data.</p>

	<p>JSG Communications – Strategic communications for energy and environment businesses.</p>
	<p>Keysight Technologies – is the world’s leading electronic measurement company, transforming today’s measurement experience through innovations in wireless, modular, and software solutions. With its HP and Agilent legacy, Keysight delivers solutions in wireless communications, aerospace and defense and semiconductor markets with world-class platforms, software and consistent measurement science.</p>
	<p>Next Rung Technology – provides consulting, engineering, and execution services to organizations commercializing sustainable technologies. We help deliver the world’s next sources of clean energy, clean water, plant based foods and materials.</p>
	<p>Opus One Solutions – enables the Distributed Energy Grid with a dynamic software platform that gives utilities, owners of distributed energy resources (DERs), and other market participants visibility into the DNA of the electricity distribution grid in real-time, as operated – thereby unlocking new customer and utility business models and 100% penetration of DERs.</p>
	<p>ReVenture – Reventure is an advisory services company which helps startups focused on solving big, global issues scale their ideas and bring them to market. We offer business development, marketing, and market entry services, as well as provide strategies for tackling planning, growth, and operations challenges.</p>
	<p>Risk Consulting Partners – RCP-Clean Energy Risk provides insurance solutions to renewable energy system manufacturers, developers, owners, lenders and investors. Our projects have spanned a range of renewable energy and clean energy technologies, including solar, wind, waste-to-energy, fuel cell, energy storage, and energy efficiency.</p>