



# GREENTOWNLABS






## MEMBER COMPANIES











### By industry focus

102 member companies as of October 3

#### 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
12. Launch Program Members

Agriculture, Water, & Waste	
	<b>AdaViv</b> – provides a hardware-enabled, crop care software to greenhouse and indoor growers to maximize quality and yields without added labor.
	<b>Alkemy Environmental</b> – holds the only technology solution that can recycle waste into high strength ceramics for the building materials market.
	<b>Biobot Analytics</b> – analyzes sewage to estimate opioid consumption in cities.
	<b>Cambridge Crops</b> – is developing natural and edible solutions for extending the freshness of food.
	<b>Exact Lux</b> – their patent-pending core technology Light Maintenance™ corrects the typical degradation of LEDs, and delivers predictable results through constant lighting levels.

	<p><b>Infinite Cooling</b> – 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.</p>
	<p><b>Kula Bio</b> – super-charges natural nitrogen-fixing microbes with renewable energy in order to deliver reliable, low-cost organic biofertilizers.</p>
	<p><b>Onvector</b> – provides cost-effective, green-tech treatment of hazardous, hard-to-clean industrial wastewater and effluents using patented plasma "lightning."</p>
	<p><b>Promethean Power Systems</b> – has developed a thermal battery technology focused on cold-storage of perishable foods.</p>
	<p><b>Raptor Maps</b> – builds software to increase solar farm power production and reduce operational risk and cost across six continents and 40 million solar panels.</p>
	<p><b>Transaera</b> – is developing a new class of energy-efficient climate systems for indoor farms.</p>
	<p><b>ZwitterCo</b> – creates nanofiltration membranes for wastewater treatment with unprecedented fouling-resistance and size-selectivity.</p>
<p><b>Building / Energy Efficiency</b></p>	
	<p><b>Carbontec</b> – is a UL-listed technology that heats space with radiant energy using a carbon fiber polymer film.</p>
	<p><b>MultiSensor Scientific</b> – is developing a machine vision software and sensing platform for creating color images of gas leaks across leak inspection and gas safety industries. Using remote sensing techniques and advanced image processing and pattern recognition algorithms, inspectors will have in-field imaging and analysis capabilities that were not previously available.</p>
	<p><b>Peak Power</b> – develops AI-powered software to operate energy resources more efficiently for building owners, project developers and utilities.</p>
<p><b>Chemicals &amp; Advanced Materials</b></p>	

	<p><b>Metalmark Innovations</b> – enables clean transportation by reducing automotive greenhouse gas and air pollutant emissions through tackling problems associated with catalytic converters.</p>
	<p><b>NBD Nanotechnology</b> – has commercialized a specialty chemical platform for liquid-surface maintenance in: Invisible Fingerprints, Flexible Hardcoats, and High Density Adhesion Promoters.</p>
	<p><b>Solchroma Technologies</b> – is building the world's most vivid, reflective digital displays for Smart Cities.</p>
	<p><b>Via Separations</b> – is applying novel filtration to reduce the energy used in separation processes by 90%, targeting the 12% of US energy consumption that is wasted in thermal separation processes such as distillation.</p>
<p><b>Energy Distribution &amp; Storage</b></p>	
	<p><b>Elios</b> – is developing bleeding edge power and tracking technology for people on-the-go.</p>
	<p><b>Form Energy</b> – is developing a brand new class of ultra-low cost, long duration energy storage systems to enable a 100% renewable energy grid.</p>
	<p><b>Gridspan Energy</b> – their mobile energy storage system enables more affordable, sustainable, and resilient island energy systems.</p>
	<p><b>Heila Technologies</b> – has developed the next generation of optimization and aggregation technologies for DERs to help accelerate the adoption of clean energy.</p>

 <p><b>Helix Power</b></p>	<p><b>Helix Power</b> – is a developer of grid scale high power energy storage and power management systems</p>
	<p><b>Ivys Energy Solutions</b> – is enabling clean mobility by delivering innovative, readily deployable hydrogen refueling appliances and connected technologies which will accelerate the adoption of fuel-cell electric vehicles.</p>
	<p><b>Maxwellian</b> – creates disruptive fiber-based technology for real time sensing of humidity and gases in mission critical applications and extreme harsh environments including aerospace.</p>
	<p><b>Medley Thermal</b> – links clean, cheap power to steam heating systems, lowering a customer's energy costs and carbon emissions.</p>
	<p><b>NewGrid</b> – develops the "Waze for the grid:" decision-support software to help electric power transmission operators route power around congested areas and improve the utilization of the grid.</p>
	<p><b>SolarKal</b> – is the leading commercial solar marketplace and brokerage, advising companies, building owners, and property owners on their optimal solar strategy, and then procuring - via SolarKal's proprietary marketplace and competitive bidding solution - the most economical solar vendor.</p>
	<p><b>SparkCharge</b> – is creating a more efficient and connected world of transportation by eliminating range anxiety with an ultra fast, portable and modular charging station for electric vehicles.</p>
	<p><b>Sparkplug Power</b> – provides Behind the Meter Energy Storage as a Service for commercial buildings and municipal utilities for Cheaper, More Reliable Power.</p>
	<p><b>SRECTrade</b> – is a management and transaction platform for environmental commodities, with the goal of reducing costs and increasing transparency for all market participants.</p>
	<p><b>Titan Advanced Energy Solutions (AES)</b> – proprietary ultrasound technology dramatically improves the usable capacity (+20%) and cycle lifetime (2x+) of Li-ion batteries using a real-time direct molecular BMS</p>
<p><b>Energy Generation</b></p>	


	<p><b>Blackburn Energy</b> – their mission is to create zero emissions renewable electricity from the wasted kinetic energy of moving objects.</p>
	<p><b>Blue Sky Energy</b> – makes uber-advance MPPT charge controllers for off-grid solar applications.</p>
	<p><b>Dynamo Micropower</b> – Proprietary low cost, ultra-portable microturbines with applications including oil &amp; gas, portable power generation, and distributed residential and commercial cogeneration.</p>
	<p><b>Eden GeoTech</b> – is developing renewable geothermal energy for off-grid data centers.</p>
	<p><b>InnoSeptra</b> – is the bridge connecting biogas producers and potential producers with the gas grid. They use InnoSeptra’s adsorption process to dramatically decrease the energy consumption necessary to produce pipeline-quality biomethane from raw biogas.</p>
	<p><b>LineVision</b> – combines advanced non-contact sensor and analytics technologies to give utilities more reliability, capacity, flexibility and resiliency on their transmission lines.</p>
	<p><b>Pecos Wind Power</b> – is reducing the cost of distributed wind power through the development of an 85kW community-scale wind turbine.</p>
	<p><b>Sistine Solar</b> – creates solar with curb appeal: the world's only solar designed to blend in with your roof, no matter what color, pattern, or style.</p>
	<p><b>Sunwealth</b>- is the clean energy investment firm breaking down barriers to sustainable investment opportunities in underserved markets.</p>
<p><b>Information / Communication Technology &amp; Cleanweb</b></p>	
	<p><b>Altaeros</b> – Altaeros' product, the SuperTower, is the next generation of global telecom infrastructure — built to expand and accelerate cellular network connectivity to rural communities around the world.</p>








	<p><b>Fairwaves</b> – is the mobile network reinvented.</p>
	<p><b>GreenChoice</b> – is developing software that empowers consumers to create a healthy, just and sustainable world through their daily food choices.</p>
	<p><b>SteamIQ</b> – uses the power of ultrasound and IoT to enable industrial steam users to monitor their steam trap population real time.</p>
	<p><b>Tagup</b> – has developed new machine learning methods and a software platform to predict industrial equipment failure, making physical infrastructure safer and more reliable.</p>
<p><b>Robotics Automation</b></p>	
	<p><b>Autonomous Marine Systems Inc. (AMS)</b> – is developing unmanned, wind/solar powered, small, low-cost, ocean-going vessels to dramatically lower the cost of, and improve the quality of, surveys conducted in the marine environment.</p>
	<p><b>Dexai Robotics</b> – builds robots to help chefs prepare delicious meals in existing kitchens.</p>
	<p><b>Rise Robotics</b> – is accelerating the electrification of heavy machinery by replacing hydraulic cylinders with new mechanical motion technology.</p>
	<p><b>Root AI</b> – leverages the latest advancements in robotics and AI to build the future of farming</p>
	<p><b>Spyce</b> – serves wholesome and delicious meals at an affordable price point. Spyce is the world's first restaurant featuring a robotic kitchen that cooks complex meals to order.</p>







	<p><b>WaveSense</b> – is enabling robust all condition autonomous vehicle lane keeping using radar fingerprints of the roadbed.</p>
<p><b>Transportation</b></p>	
	<p><b>Accion Systems</b> – is the In-Space propulsion company.</p>
 <p><b>De-Ice</b></p>	<p><b>De-Ice</b> – is developing an electric ice protection solution that will reduce airline de-icing costs by over 50% and eliminate the use of toxic chemicals forever.</p>
	<p><b>Prime Lightworks</b> – makes breakthrough electric propulsion systems for space satellites that are solar powered, fully renewable, and consume zero fuel. Prime Lightworks’ goal is to eliminate fuel emissions from space propulsion while drastically reducing cost and waste.</p>
 <p><b>VECARIUS</b> Mobile Heat Recovery</p>	<p><b>Vecarius</b> – is developing an energy harvester technology to improve energy-efficiency and emissions of energy-intensive platforms and to enable self-powered or remote operation of equipment without needing to plug into an external electrical power source.</p>
<p><b>Other Industries</b></p>	
	<p><b>Agira</b> – provides superior light management for the next generation of lighting and displays.</p>
	<p><b>Axiom Optics</b> – provides optical instrumentation for fundamental sciences (astronomy, physics, biology) and industrial quality control.</p>
	<p><b>Quantum Diamond Technologies (QDTI)</b> – is developing a novel magnetic based diagnostic platform based on quantum technology.</p>
	<p><b>QuEra Computing</b> – builds the hardware for tomorrow's quantum computers. Using revolutionary new techniques to control individual atoms, we build machines that store and manipulate the world's information one quantum bit, and one atom, at a time.</p>






	<p><b>Raise Green</b> — is a sustainable investment platform to invest or create community climate solutions projects.</p>
	<p><b>Trace Matters</b> – is developing next generation mass spectrometry technologies</p>
	<p><b>Voxel8</b> – is developing digital manufacturing systems that revolutionize how footwear and athletic apparel are designed, manufactured, and delivered to consumers.</p>
	<p><b>XGenomes</b> – is building a sequencing technology that is low-cost, simple to implement, and will deliver sequences of unprecedented accuracy and completeness.</p>
<p><b>Corporate Members</b></p>	
	<p><b>Air Liquide</b> – aims to deliver innovative gas solutions and technologies to a wide range of customers, driving their performance and helping them reduce their environmental impact.</p>
	<p><b>Arrow Electronics</b> – is a global provider of products, services and solutions to industrial and commercial users of electronic components and enterprise computing solutions.</p>
	<p><b>Baltimore Aircoil Company</b> – is the leading global designer and manufacturer of evaporative cooling and thermal energy storage equipment. For over eight decades, BAC has been dedicated to the research, development and commercialization of innovative and sustainable cooling technologies. Their products are used worldwide in building HVAC, district cooling, commercial and industrial refrigeration, as well as data center and industrial process cooling.</p>
	<p><b>BASF</b> – creates chemistry for a sustainable future. They combine economic success with environmental protection and social responsibility. Through science and innovation, BASF enables customers in nearly every industry to meet the current and future needs of society.</p>
	<p><b>Draper</b> – focuses on the design, development and deployment of advanced technological solutions for the world’s most challenging and important problems.</p>
	<p><b>DSM</b> – 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.</p>
	<p><b>Enel</b> – is a multinational energy company and one of the world’s leading integrated electricity and gas operators.</p>









	<p><b>Keysight Technologies</b> – is the world’s leading electronic measurement company, transforming today’s measurement experience through innovations in wireless, modular, and software solutions.</p>
	<p><b>Mexichem</b> — is a leading provider of products and solutions across multiple sectors of industry and commerce, from construction and infrastructure to agriculture, healthcare, transportation, telecommunications, energy and more.</p>
	<p><b>Saint-Gobain</b> – is a leading North American manufacturer of building materials including roofing, vinyl siding, trim, fence, railing, decking, insulation, gypsum, and ceilings products. Saint-Gobain is one of the top 100 industrial companies in the world. Saint-Gobain is a Founding Sponsor of the Global Center for Cleantech Innovation.</p>

Ecosystem Partners	
	<p><b>Anzu Partners</b> – is a private equity/venture capital firm focused on industrial innovation.</p>
	<p><b>Capital Energy</b> – designs, builds and finances your energy efficiency initiatives.</p>
	<p><b>Canadian Consulate</b> — provides consular services to Canadians, works to strengthen trade and investment ties between Canada and the region, and ensures that Canadian interests in New England are represented on a range of issues such as borders, security, energy and trade policy.</p>
	<p><b>CGIS Clean Energy Insurance</b> — provides clean-energy insurance services and risk management solutions across the renewable energy industry. Whether you need coverage for a nuclear plant, natural disasters or hydro, solar, co-gen, wind, our energy team will work with you to find the right insurance/risk solution for your clean energy project.</p>
	<p><b>Exakom</b> – is a pioneer in developing innovative data analysis products for the industrial automation market.</p>
	<p><b>Inspiralia</b> – is a New Product Development Service Company which help their clients raise non-dilutive funding, improve their R&amp;D processes and take over &amp; execute entire R&amp;D activities in their own labs.</p>
	<p><b>JSG Communications</b> – provides strategic communications and energy expertise.</p>

	<p><b>LIG Corp.</b> — provides high technology and energy services. The company offers business process outsourcing, information technology outsourcing, and other services.</p>
	<p><b>Next Rung Technology</b> — 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><b>Opus One Solutions</b> — 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.</p>
	<p><b>SEEDiA</b> — manufactures smart city infrastructure, solving a growing problem of the availability of electricity in public spaces.</p>
	<p><b>Spare-it</b> — is a catalyst for sustainability in the workplace.</p>
	<p><b>Wilshire.io</b> — spreads the costs of software development among cleantech startups, by accurately vetting strong developers in both Egypt and Colombia, saving founders 4x on their money while building and maintaining a strong code base to iterate and scale their startup.</p>

<b>Launch Program Members</b>	
	<p><b>Celadyne</b> — Nanocomposite membranes for high-performance electrolyzers and fuel cells with simple heat and water management.</p>
	<p><b>Ecoelectro</b> — Commercializing Alkaline Exchange Materials that make Electrolyzers and Fuel Cells less expensive and longer lasting.</p>
	<p><b>Electro-active Technologies</b> — Renewable hydrogen from waste via a coupled bio-electrochemical process at high electrical efficiency.</p>
	<p><b>HYGEN</b> — Connected to regular gas grid HYGEN's supercharger fuels your gas-powered vehicle at home/office in just a few minutes.</p>
	<p><b>Hyperframe</b> — is the IKEA of commercial construction. We are designing, manufacturing, and distributing a new class of building components that can be installed without tools or</p>

	skill. Our first product is a metal wall framing system for commercial buildings, which can be installed up to 75% faster and 30% cheaper than traditional materials.
	<b>INOVUES</b> — develops a non-intrusive and adaptable glazing retrofit system that enables the windows and glass facades of existing buildings to be upgraded with the latest high-performance glazing products and smart window technologies, from the outside or inside of the building, without having to replace the original glass or remove or drill any part of the existing window/curtain-wall systems.
	<b>pH Matter</b> — Catalyst materials and unique cell design that enables low-cost hydrogen generation for energy storage.
	<b>Pre Framing Corp</b> — is an innovative, partially-prefabricated solution which allows homebuilders, general contractors and framers to build standard and gable walls 10 times faster, with less waste and more precision than traditional methods.
	<b>Protium Innovations</b> — Lightweight liquid hydrogen tanks and fueling solutions for reliable hydrogen-electric vehicles.
	<b>Skyre</b> — The world's leader in converting waste H2 and CO2 into economic opportunity.
	<b>Techstyle Materials</b> — develops smart building products for the construction industry which are based upon a proprietary multifunctional material technology that was developed in the Physics laboratory of the company founder at Brown University.