



Alabastron Technologies
Houston, Texas, United States

Alabastron Technologies has developed a patented, field-tested, inline physical sensor capable of organic and inorganic deposition detection before any actual deposits form within a pipeline. Our patented technology is a real-time, closed-loop sensing, measurement and control system that predicts flow-restricting substances prior to actual deposition. This is achieved by a proprietary nanomaterial that can induce paraffin and scale in a secondary flow path within a piping system to proactively signal a deposition risk then automatically optimizes chemical dosage according to the exact deposition profile.

<http://www.alabastron.net>
Steve Louis | slouis@eternal-nrg.com



American Hydrogen
Tulsa, Oklahoma

American Hydrogen offers fully integrated, end-to-end implementation solutions for hydrogen generation, storage, and distribution facilities. As a provider of SMR generation technologies, we offer modular 1-ton, 5-ton, and 10-ton skidded solutions in addition to larger 30-ton+ turnkey plant designs. This scalability allows us to furnish solutions for developers and operators of hydrogen facilities at any point in their development cycle. With roots in traditional energy, our team brings decades of successful project execution. Through this experience, the American Hydrogen team continues to provide innovative solutions to a rapidly expanding hydrogen economy.

<https://amhydrogen.com>
Stephen Brooks | sbrooks@amhydrogen.com



AnCatt
Wilmington, Delaware

We AnCatt company developed the Rust-Legend™ anti-corrosion paint, the world's only high-performance anti-corrosion paint without using toxic heavy-metals, and surprisingly it is also the longest lasting one, out-lasting current best products by a whopping six-times in corrosion durability and still don't know when the rust will come out yet. This revolutionary next generation product was developed with funding from NSF SBIR Phase I & II based on our award-winning and patented iBarrier™ anti-corrosion coating platform that protects all metals. We just received flawless 2.5-years marine outdoor three-zone exposure test report Last November and the Solar Impulse Foundation Efficient Product Label.

<http://www.ancatt.com>
Sue Wang | swang@ancatt.com



Angara Industries
London, United Kingdom

Heat Exchangers in Oil&Gas & chemical industries constantly run fouled. Fouling layer prohibits efficient heat transfer; productivity degrades. Results: ~1 bln. tons of excessive CO2 emissions & \$50 bln. in losses p.a. Angara changes the paradigm of industrial cleanliness: we ensure our Clients' equipment, like Heat Exchangers, always runs cleanly and efficiently. E.g. in refining, we can help to CO2 emissions by up to 40%, and uplift margins 15–20% through fuel savings. About 1/3 of that can be achieved with upfront investment within 18 mo. Our technology is the fusion of smart chemical recipes, data analytics algorithms, and software. We expect to generate \$5-7 mln. in sales per average refinery while saving it \$40 mln. p.a. Thus, the TAM is \$4-6 bln. We license the right to use our smart chemical recipes and provide our data analytics service to Clients. Our patented technology allows us to enable 3-7X faster cleaning.

<http://AngaraIndustries.com>
Valery Krivenko | vkrivenko@angaraservice.com



Applied Bioplastics
Austin, Texas

Applied Bioplastics is commercializing a novel technology to combine plant fiber with plastic while providing equivalent or better mechanical properties at price parity compared to traditional plastic. More importantly, our material has 30% smaller carbon footprint than traditional plastic while requiring minimal switching cost. Brand manufacturers can easily adopt our material to quickly move closer to their carbon neutrality commitments. We are seeking investment and manufacturing partners to help us rapidly scale to address demand. We are already in acceptance testing with several major brand manufacturers who are eager for more sustainable alternatives to their current durable plastic use.

<http://www.appliedbioplastics.com>
Alex Blum | alex@appliedbioplastics.com



Connectus Services
Calgary, Alberta, Canada

Connectus Global is a provider of an ultra-wide band (UWB) based real-time location monitoring system (RTLS) along with an electronic permit to work (E-PTW) software solution. We offer an integrated suite of digital workforce management and business continuity systems globally to enhance safety, operational efficiency and crisis recovery planning.

<http://www.connectusglobal.com>
Mike Anderson | manderson@connectusglobal.com



DataSeer
Houston, Texas

DataSeer is a cloud-based software application that automatically detects, labels and extracts information from engineering diagrams, lists and reports. Integrating industrial engineering with machine learning and computer vision, DataSeer enables end users to digitize their diagrams and documents seamlessly. DataSeer was built in close collaboration with users at some of the largest engineering firms in the world, who we are proud to call our customers. The system is powered by Artificial Intelligence and continuously trained on tens of thousands of diagrams to automatically recognize the most common symbols in seconds. With detection errors of <1% and an intuitive verification workflow, DataSeer significantly improves quality control and quality assurance of data extraction at scale.

<https://dataseer.digital>
Jo-Anne Ting | jting@dataseer.digital



EVUS
Las Cruces, New Mexico

EVUS is a company that formed with the sole purpose of developing its novel and proprietary technology based on permanent magnet induction for preventing/removing scaling/fouling formation in industrial heat transfer environments. Our technology has the capability to maintain heat transfer systems free from fouling and thus hold its nominal efficiency. We are on the last stage of our testing campaigns in collaboration with recognized academic and government institutions, leading to a significant exposure to industry representatives. Our company is formed by a team of engineers from Chile, where the company started, and the US, where we will first hit the market. Our Technology will serve the HVAC industry and Maritime transportation, as well as the water treatment industry.

<http://www.evusinc.com>
Patricio Reygadas | patricio.reygadas@evusinc.com

IDARE®

IDARE
Houston, Texas

IDARE is a digital technology SaaS company comprised of Energy and AI experts, who have built a fully integrated, cloud-based digital asset twin creator, Asset Twin, powered by AutoML engine. The Asset Twin is a fully automated configurable and industry scale deployable cloud-based digital twin creation system and decision support system that saves 80% time and without requiring any AI and digital skills.

<https://idare.io>

Khairul Chowdhury | kchowdhury@idare.io



Integrity Technology Solutions
Calgary, Alberta, Canada

ITS is a high growth audit technology automation-based company passionate about solving the problems of the energy accounting and audit space. Our technology focuses on using AI and ML to validate invoices (context of complex accounting agreements) in real time to fix any billing issues before they become disputes. The principle is to act as the equivalent of a "TSA Pre-Check", by giving partners assurances that the billings have been pre-validated against the terms of a governing agreement. Our first product is deployed at the audit phase of a payment cycle and enables auditors to review thousands of invoices in a fraction of the time of a human, reducing audit costs by up to 50% while increasing document coverage by over 135 times.

<https://www.integrity-tech.ca>

Cody Austin | caustin@integrity-tech.ca



Lelantos
Bronx, New York

Lelantos develops gas sensors for the detection of fugitive methane emissions in the oil & gas industry. Current technologies prohibit the effective monitoring in accordance with IoT standards as they suffer from large size, high power consumption and are expensive. The industry has expressed an unmet need for large-scale, distributed, persistent monitoring solutions, as the most effective way to control emissions. Lelantos technology offers unparalleled combination of superior detection performance while possessing 1000x more compact size, lower power and price compared to competition. Therefore, our system is a true IoT solution enabling the widespread adoption of IoT gas sensing applications.

<http://www.lelantostech.com>

Stylios Siontas | s.siontas@lelantostech.com



Matidor
Vancouver, British Columbia, Canada

Matidor eliminates collaboration and visibility challenges in the energy/environmental sector by consolidating all key project information on one intuitive, map-based dashboard, with real-time updates that can be shared between multiple parties. With Matidor, all stakeholders can drill down to a specific location with user-friendly GIS tools and key data such as budgets, tasks, and files, making it easy for non-technical users to update and share geospatial information along with critical projects details. Our intuitive reporting provides them with peace of mind, with regular deadline reminders and notifications of critical events.

<https://matidor.com>

Sean Huang | sean.huang@matidor.com



qualiTEAS

St. John's, Newfoundland, Canada

qualiTEAS is a St. John's (NL), Canada based corrosion inspection and management company. Our present clientele includes Newfoundland offshore operators. Besides specialized services, we have developed a machine learning based computer vision technology (Argus 1.21) capable of analyzing asset images to assess any impact(s) due to corrosion. This digital inspection solution can further augment the on-site asset inspection, as a part of digital twin application that can further complements the predictive maintenance practices.

<http://www.qualiteas.ca>

Abhijit Chatterjee | achatterjee@qualiteas.ca



Roboze

Roboze
Houston, Texas

Roboze aims to reshape global supply chains through cutting-edge 3D Printing & a Manufacturing as a Service (MaaS) marketplace. The company's patented printers outperform metal components in both strength and cost while eliminating the need for CapEx intensive assembly lines. Roboze is an upstream supplier for manufacturers in aerospace, defense, motorsports, automotive, plastics, oil & gas, and consumer electronics, among others. Furthermore, by reshoring manufacturing and reducing metals consumption, the company substantially reduces emission from an industry responsible for 25% of the global aggregate. Our unique patented technology provides the possibility to produce small-medium series parts production being sure about parts repeatability and parts performance.

<https://www.roboze.com/en>

Arash Shadravan | a.shadravan@roboze.com