

CLEANTECHFORUMASIA

Singapore, 8-9 October 2019

INNOVATION COMPANIES

A distinctive feature of Cleantech Forums are how many entrepreneurial companies our delegates get to hear from and meet. Below is our guide to a sampling of those start-up and growth-stage innovation companies who are speaking on sessions or partaking of the 2019 Cleantech Forum Asia as an attendee.

Updated 18 September 2019

AGRICULTURE & FOOD



Aquaconnect (India): Developer of artificial intelligence for aquaculture, enabling data-driven farming in the Indian shrimp ecosystem



Shiok Meats (Singapore): Developer of cellular aquaculture and cell-based meat products



Umitron (Singapore): Provider of an aquaculture management system



Wittaya Aqua (Canada): Developer of an aquaculture optimization platform, helping farms make better decisions on feeding, water quality and production management



xpertSea (Canada): Developer of a rapid fish counting system for aquaculture applications which eliminates the need for hand counting

ENABLING TECHNOLOGIES



Actility (France): Provider of products and services for machine-to-machine (M2M) and smart grid applications



RUNWITHIT Synthetics (Canada): Supplier of at-scale, geospatial synthetic design environments for intelligent, emergent design of interconnected city systems, including energy grids, IIoT, networks, people, disasters, etc. using live data modeling

ENERGY & POWER



75F (United States): Predictive and proactive IoT-based building automation system that addresses HVAC, lighting, and equipment control needs



ABC Platform (Liechtenstein): Developer of a commodity technology platform



Alpha ESS (China): Developer of advanced lithium ion battery storage products



AVA Asia (Singapore): Provider of visual and thermal inspection services by UAVs, satellite data and sensors



Barghest Building Performance (Singapore): Developer of control solutions to lower the total energy consumed in HVAC systems



Boson Energy (Luxembourg): Developer and builder of cogeneration solutions, turning local mixed and hazardous waste into clean power, heat and GHG-free thermal cooling for local use – without any toxic ash residues



Bowman Power (United Kingdom): Designs, installs and maintains electrified turbomachinery products for improving internal combustion engines. These products reduce fuel consumption & emissions and improve responsiveness.



Canopy Power (Singapore): Provider of turnkey hybrid microgrid solutions in Southeast Asia



Climate Connect (India): Developer of software solutions, providing analytics and forecasting for energy markets



Eco Waste Solutions (Canada): Manufacturer of thermal waste conversion and energy recovery technologies



Eco Wave Power (Israel): Developer of hydrokinetic energy harvesting devices



EH Group Engineering (Switzerland): Developer of low-temperature hydrogen fuel cells



Future Grid (Australia): Developer of smart grid software, which integrates, processes and virtualizes grid data



Grassroots Energy (India): Developer of distributed, innovative Bio-CNG installations in emerging economies



H2Store (Australia): Developer of low pressure, intrinsically safe, non-toxic hydrogen hydride storage products



Hiringa Energy (New Zealand): Developer of green hydrogen projects, building and operating hydrogen generation and distribution infrastructure



Hydrogenics (Canada): Designer, manufacturer, builder and installer of industrial and commercial hydrogen systems



Morgan Solar (Canada): Developer of optical technologies and modeling software for conventional solar panels and building integrated applications, offering a comprehensive facade and rooftop solution for daylight and energy needs.



Open Ocean Robotics (Canada): Developer of wind-and solar-powered autonomous boats providing real-time information from anywhere in the ocean for actionable insights



Opus One Solutions (Canada): Developer of real time control and optimization solutions for generation, storage, and electric vehicle resources



Phononic (United States): Developer cooling and heating solutions using solid-state thermal management solutions for electronics cooling, cold storage refrigeration and transport and climate control



Right People Renewable Energy (Singapore): Provider of renewable energy solutions for the industrial clients



Sierra Energy (United States): Developer of FastOx waste gasification technology



SolarHome (Singapore): Provider of financing solutions and off-grid solar installations



Spectronik (Singapore): Developer of advanced hydrogen PEM fuel cells, as well as integrated fuel cell solutions and full life cycle services for tomorrow's unmanned vehicles



Steelhead Composites (United States): Provider of pressure vessels and hydrogen storage options for certified zero-emission fuel cell applications



Third Wave Power (Singapore): Developer of portable power solutions using solar energy and IoT for off-grid use



VFlow Tech (Singapore): Developer of efficient modular vanadium redox flow batteries to deliver a reliable energy + storage solution



Village Energy (Uganda): Builder of a rural solar technician network in East Africa to fix and service solar products and systems

MATERIALS & CHEMICALS



Avertana (New Zealand): Developer of technology that turns low-value industrial residue into valuable minerals



Bluepha (China): Developer of bio-based polymers and chemicals



Genecis (Canada): Developer of a bacteria to turn food waste into poly-hydroxyalkanoates (PHAs), a high-quality bioplastic



Lamoral Coatings (Netherlands): Provider of solutions to preserve and strengthen a wide range of materials to ensure that they last longer than a lifetime



Smarter Alloys (Canada): Developer of new technology for Shape Memory Alloys to add extensive functionality to existing components and enable new products to be realized



VerdeEn Chemicals (India): Developer and provider of a commercially viable green proprietary technology to recycle scrap lead acid batteries

RESOURCES & ENVIRONMENT



AirQuality (China): Provider of air purification equipment and services



Ambi Labs (Hong Kong): Developer of efficient air-cooling technology



Ambisense (Ireland): Developer of an environmental analytics platform that enables companies across multiple sectors to estimate their environmental impact allowing targeted mitigation at a reduced cost



CarbonCure (Canada): Producer of carbon-sequestering equipment for precast concrete production



EnvironSens (Singapore): Provider of online monitoring system of heavy metal toxicity in water bodies and sewer networks



EnvisionSQ (Canada): Developer of air pollution control technologies, using photocatalytic technology to break down NOx and VOCs, transforming these pollutants into harmless gases and water



Forward Water Technologies (Canada): Developer of forward osmosis-based, low-cost treatment for highly compromised industrial wastewater



Kayrros (France): Developer of software which uses radar imagery and advanced data processing to estimate global crude oil inventories



Pani Energy (Canada): Developer of innovative Adaptive Desalination Technology (ADT) and Osmotic Energy Storage (OES) technologies in the fields of desalination and energy storage



Mint Innovation (New Zealand): Developer of biometallurgical process to recover precious metals from difficult waste feedstocks. The scalable proprietary processes utilize highly selective metal scavenging microbes to rapidly absorb target metals



Qi Square (Singapore): Developer of a digital platform to achieve high performance buildings, including significant energy, carbon and costs savings while improving occupant comfort and wellness



RPM China (United States / China): Developer of tree-seedling propagation solutions for enhancing reforestation, habitat restoration, and agriculture



Sagacity Environment (Singapore): Developer of marketplace that connects buyers and sellers of recyclable goods



Vecor (China): Producer of ceramics from fly ash from coal fired power stations



ZDTech (Thailand): Developer of Electro-Separation Technology (not electrocoagulation) to treat wastewater for reclaim and remove dissolved solids (TDS) and heavy metal using high voltage electric pulse without sacrificing electrodes

TRANSPORTATION & LOGISTICS



BlackBuck (India): Developer of platform for logistics and fleet control management



ETRAN (Thailand): Developer of electric motorbikes with fast charging and charging station network solutions



Evie Networks (Australia): Infrastructure for Mobility as a Service to drive the clean transport revolution



G7 Networks (China): Provider of a logistics enterprise platform to help monitor freight transportation using AI/IOT



Gegadyne Energy (India): Developer of a proprietary battery technology for electric vehicles that can charge 0-100% within 15 minutes



Oyika (Singapore): Provider of electric scooter subscription service with modular battery charging stations



SmartE (India): Provider of electric mobility service for first and last mile connectivity



SUN Mobility (India): Manufacturer and distributor of integrated electric vehicle rental solutions with modular batteries and charging solar arrays



SWAT (Singapore): Provider of shared mobility route optimization



Teqplay (Netherlands): Provider of real-time and predictive insights for the planning of quays, vessels, bunkering, and ship-to-ship transfers



Transpod (Canada) Developer of a hyperloop transport system based on the concept proposed in 2013 by Elon Musk
