CLEANTECHFORUM**ASIA**

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 9 September 2019

AGRICULTURE & FOOD

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

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

ENABLING TECHNOLOGIES

Canvass Analytics (Canada): Developer of an AI analytics platform for Industrial Internet of Things applications.

ENERGY & POWER

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

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.

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 Data Engineering technology that removes the data barrier for all Utilities

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

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

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.

ReWatt Power (Canada): Provider of a sensor to cash platform, with real-time visibility into energy generation assets to help increase performance, decrease operation cost, and generate new revenue.

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

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

MATERIALS & CHEMICALS

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

Ambi Labs (China): 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.

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

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 waste water 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

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 usig AI/IOT

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