

Eco Expo Asia 2014

Exhibitor Highlights

as of 18 Jul 2014

Advanced Eco Engineering (Hong Kong, Booth No.: TBC)

Advanced Eco Engineering Ltd. (AEE) is specialize in the supply and design environmental friendly, healthy and safety equipment.

Food Waste Decomposer reduces the food waste volume and the treated materials could be re-use. It is suitable for home, school, office, church, garden etc.



Mini Washing Machine uses the ozone generator to kill the bacteria to protect our health. With built-in ozone generator emitting ozone that kills bacterium 600 folds faster than chlorine does. It is suitable for pregnant women and new born baby etc.



Adanced Materials – JTJ s.r.o. (Czech Republic, Booth No.: TBC)

Nanotechnologies for New Materials, Innovations and a Better Life!

Advanced Materials – JTJ s.r.o. is an innovative firm focused on **nanotechnology**. We concentrate on the field of nanoparticles of ceramic oxides and their practical uses.

Our goal is innovation with exceptional market potential, high value added and usefulness around the globe. Our products expand the boundaries of current options for environmental protection and energy production.



Agreement signed between Spain Provincial Government and Advanced Material – JTJ s.o.r.

Als Technichem (HK) Pty Ltd. (Hong Kong, Booth No.: TBC)

ALS HK was established in 1994 and has been HOKLAS (Hong Kong Laboratory Accreditation Scheme) accredited since 1995. We provide a full range of physical, heavy metal, trace organic, nutrient and microbiological **testing** in Food and Environmental Samples (Marine Water, Drinking Water and Wastewater, Soil, Sediment and Biota).

We also provide the different air analysis including Total Suspended Particulate, Respiratory Suspended Particulate,



Indoor Air Quality (IAQ), Stack Emissions, Olfactometry Analysis and Odour Patrol Service, etc.

ALS has professional team to carry out the different air sampling with using sophisticated equipment.



Anrich Environmental Technology Company Limited (Hong Kong, Booth No.: TBC)

Anrich specialized in **environmental monitoring, indoor air quality control, pollution prevention, water treatment** etc., providing customers the best solutions that can maintain quality of life as well as reducing carbon emission.

Anrich has many years of experience in the environmental sector, businesses across Chinese Mainland, Hong Kong, Macau and Taiwan, clients include: public institutions, government departments, private and civil society organizations, etc.



Metone



CO2 Sensor



Chromatotec VOC Analyzer

Appleone Solution Limited (Hong Kong, Booth No.: TBC)

Appleone Solution Limited is the high calibrated team which distribute the world's famous **portable instruments**. Our main Supplier, Testo AG Germany is the largest portable measuring instruments manufacturer in the world.

We are now supplying products and services to below industries:

- Food Safety Industry
- HVAC, Property Management, Engineering Contractors, Industrial Quality Industry
- Electrical & Mechanical, Energy Saving, Environmental Protection, Boiler & Heating Industry



Architectural Services Department (Hong Kong, Booth No.: TBC)



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Architectural Services Department

Architectural Services Department (ArchSD) performs the following three core functions in relation to Government-owned and Government-funded facilities:

- 1) Monitoring and advisory services;
- 2) Facilities upkeep; and
- 3) Facilities development.

ArchSD commits to provide quality services to the public and explore every opportunity to integrate innovative and sustainable elements into its projects for the betterment of the society with due consideration on cost effectiveness.

In recent years, ArchSD projects received some recognition including but not limited to the Hong Kong Institute of Architects Annual Awards, the Hong Kong Institute of Landscape Architects Design Awards, Quality Building Award and Green Building Award.

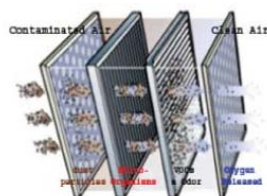
Aspiro (HK) Limited (Hong Kong, Booth No.: TBC)



ASPIRO™ is well known for designing and producing air ventilation products for a wide range of infrastructure and industry applications, such as airports, hotels, public buildings, schools, homes, offices and hospitals, allowing them to improve operating efficiency of HVAC and reducing energy cost.

IAQC system of ASPIRO™ consist of:

- a proprietary photocatalytic filter module,
 - medically proven germicidal UVC system; and
 - patented electrodynamics carbon processor,
- which allows it to perform the highest level of purification, sterilization and sanitation.



Drainage Services Department (Hong Kong, Booth No.: TBC)

Drainage Services Department (DSD) was established in 1989. The DSD has committed to provide the community with a high standard of protection against flooding, as well as an effective system for sewage collection, treatment and disposal to ensure public safety and health.

Sewage treatment facilities

Currently, over 93% of the sewage produced from residential, commercial and industrial premises in Hong Kong is being collected and properly treated in various treatment works and dispersion through outfalls.

Water Reclamation Facilities

A water reclamation facility at the Shatin STW was installed to polish 1,000 m³/day of UV disinfected secondary effluent to provide reclaimed water for polymer solution preparation and irrigation of vegetation in Shatin STW.

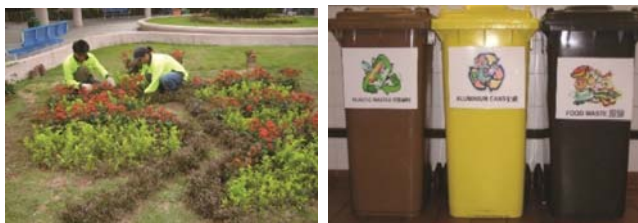
Renewable Energy Applications - Biogas Renewable Energy

The four DSD's major secondary sewage treatment works (STW), employ anaerobic digestion process in sludge treatment. During the treatment process, biogas is produced as a by-product which is a renewable fuel.

Baguio Green Group Limited (Hong Kong, Booth No.: TBC)

Baguio Green Group Limited is a leading **integrated environmental service provider** in HK with over 34 years of history. We provide 4 major types of services, including cleaning, landscaping, pest management, waste management & recycling services.

Baguio commits to become the most comprehensive & reliable environmental service provider, develop and expand its capacity in waste collection, sorting, recycling & processing including confidential materials, food waste, plastic and glass.



BioZone Scientific International Limited (Hong Kong, Booth No.: TBC)

BioZone Scientific International is the global leader in ultraviolet light commercial and industrial applications.

BioZone have an extensive range of **air purifiers** designed to remove particulates, odours, VOCs and other air contaminants without creating secondary pollution.

Using the unique BioZone "PhotoPlasma" technology, BioZone air purifiers can treat heavily contaminated areas like refuse rooms and sewage plants without using any chemicals. 12V DC is sufficient to operate most of the models.



China Energy Conservation and Environmental Protection (Hong Kong) Investment Co Limited (Hong Kong, Booth No.: TBC)

CECEP is one of the world leaders in the development and application of shallow **geothermal energy utilization technologies**, which has been implemented in more than 20 provinces and cities for more than 700 projects:

- Combined Cycle Power Plant by Coke Dry Quenching, for Chongqing Iron & Steel Plant.
- The nation's largest third-party investment, operation residual gas heat recovery project.
- First zero-emissions gas waste heat utilization demonstration project of steel industry.



CK Polymers (Hong Kong) Ltd (Hong Kong, Booth No.: TBC)

CK Polymers HK Limited was established in Hong Kong in 2004, with a goal to facilitate a route to market for **plastic materials** suitable for **recycling** to reputable Asian markets in an ethical and responsible manner.

Using our extensive network of suppliers located across the UK and Ireland, we can source high quality plastics for onward sale into Asia and the Far East. The recycled plastics we can offer to Asian customers include: Polystyrene, ABS and Polypropylene.



DARG Partners Limited (Hong Kong, Booth No.: TBC)

SEAG Energy Saving Window Film

- 91% vision light transmission
- 23 countries patented insulating coatings helps cut energy expenditures by up to 40%
- Made by 100% organic material
- Block 99% of harmful UV rays
- Condensation control and shatter resistance



BY50 (New Product)

- Advanced Photo-catalyst Technology
- Anti-Viral, anti-bacterial and deodorizing solution
- Long lasting effect
- Safe / non-toxic, passed safety tests by Japanese Food Research Laboratories Foundation
- Totally eco-friendly, colorless, odorless and harmless
- Suitable for household, hospital, nursing home, schools and food industry



Eco Concepts Asia Ltd. (Hong Kong, Booth No.: TBC)

Eco Concepts Asia Ltd. is leading supplier of **green concepts®** environmentally preferable cleaning products that have obtained a range of international green label certifications (i.e. U.S. EPA, Green Seal, Ecologo and Good Environmental Choice Australia), which ensure products are environmentally preferable, safer to use and more effective compare to traditional cleaning products.

Products are made from renewable ingredients; readily biodegradable; no or low VOCs and non-toxic.



Eco-Park Holdings Limited (Hong Kong, Booth No.: TBC)

Eco-Park Holdings Ltd has developed **green plastic solutions** to the resource challenge of the 21st century.

Our plastic products range from 100% recycled plastics to Oxo-Biodegradable materials that can be made into bags, cutlery and a wide range of semi-finished or finished goods.

All Eco-Park (P-Life)'s 100% oxo-biodegradable PP plastic cutlery, food container, straw and stopper are tested and passed ASTM D6954 (the world's highest standard of oxo-biodegradable plastic) and FDA21CFR175.300.



Ecota Environmental Technology Co., Ltd (Chinese Mainland, Booth No.: TBC)

Ecota Environmental Technology Co., Ltd is a professional manufacturer of **biodegradable products** ranging from cutlery, food containers, plates, trays, cups, mulch, hotel utensils, and so on.

All of our products are made of corn starch and can be degraded in the natural environment. They have been certified by FDA, OK-COMPOST, OK-BIOBASED and SGS, meeting BPI, EN13432 and ASTM D6400 standard.



EM Korea Co., Ltd. (Korea, Booth No.: TBC)

EM Korea was established in 1987 is well known as the best company with most progressive manufacturing techniques, especially precision machining. Their "Eco-Crobe" is the fermentation and decomposition device of organic waste. Besides, EM Korea also works on forefront hydrogen technology and hydro-electrolysis systems development.

Food waste decomposer - 90% of food waste can be decomposed and extirpated within 24 hrs. It is equipped with 8-stage of deodorizing filters in the final process. "Eco-Crobe" can be semi-permanently used with one administration of microorganism and not necessary to change the deodorant.

Industrial organic waste decomposer - organic waste can be treated by microorganism up to 80-90% within 24 hrs. After treatment, remained powder can be used as fertilizer or solid fuel (depends on the type of sludge).



Enevo Oy (Finland, Booth No.: TBC)

Enevo is the leading global provider of smart logistics optimizations solutions for the waste management and recycling industry.

Enevo ONE is a comprehensive logistics solution that save time, money and the environment. It uses wireless sensors measure and forecast the fill-level of waste containers and automatically generates smart collection plans using the most efficient schedules and routes. The solution provides up to 50% in direct cost savings.



Eurolite Technologies Pte Ltd (Singapore, Booth No.: TBC)

Another Breakthrough in Wind Turbine Technologies!

Horizontal Axis Wind Turbines - its unique Down Wind 500W HAWT can rotate with wind from any directions, 24 hours and generates electricity with wind speed from 2 meter per second.

They can be installed side by side, taking up a smaller area of space at the roof top, mountain areas, remote areas, anywhere; this means that a higher capacity of energy generation could be fit into a smaller land area.

CygnusPower G & C also successfully completed the development, state-of-art **AFPM Slotless generator** with efficiency of over 90%. Together with the high efficiency blade, controller and generator, our HAWT can generate 30% or more electricity as compare to any other ordinary type wind turbine.



Gainberg Environmental Systems Ltd. (Hong Kong, Booth No.: TBC)

Gainberg's **Air Purifying Technology** uses the supercritical fluid extraction technology which formulates natural sterilizing and purifying essence from various plants.

This product can neutralize harmful substances in the air; eliminate bacteria and viruses causing influenza and respiratory tract infection; reduce the symptoms of allergic rhinitis and remove odors.

It has been test proven that it can neutralize over 90% formaldehyde and benzene; and ridding bacteria and viruses capabilities are 99.99%.



Garlic International (Hong Kong) Limited (Hong Kong, Booth No.: TBC)

We are the export agent of Shanghai Fuzhen Plant - Tec Co Ltd which was 15 years in development of plant extract products.

Odorclean PEDAL (Plant Extract Deodorant and Antibacterial Liquid) is made of natural plant extracts and mainly has the function of gas elimination and sanitization. It has different grades for different application areas:

- Landfill Sites & Refuse Transfer Stations
- Water Treatment Plants
- Public Toilets
- Casinos, Hotels, KTV Clubs
- Agricultural Industry (farmland sterilization)
- Formaldehyde, Benzene, TVOC Elimination
- Oil Tank Cleaning / Ship Repair Industry (oil gas elimination)
- Household and pet



Green Point ECO Technology Company Limited (Hong Kong, Booth No.: TBC)

Green Point ECO Technology Co., Limited focuses on development of **energy saving products** to make our living more comfort and green to the earth.

Ecomesh is an innovative energy saving product widely applicable for air-condition and air-cooling system such as HVAC, freezer and cold storage warehouse.

After simply installation on the condenser and evaporator of cooling units, Ecomesh can improve the cooling efficiency by >20% in result of saving the electric energy consumed by the compressor.



Horimasa International Co Ltd (Hong Kong, Booth No.: TBC)

VEGILAB™ Indoor Vertical Growing System is an indoor system which is using aquaponics technology to grow 'organic' veggies in a brand new way. With the usage of multi-wavelength LED lights, the veggies can be grown as green as the outdoor.

AP-mini is the aquarium aquaponics system. With our special design on a standard fish tank, you can enjoy feeding fish together with having fresh veggies.

Smart-Aqua life is the aquaponics system for restaurants / hotels (for decoration & fresh veggies).



VEGILAB™ Indoor Vertical Growing System



Smart-Aqua life

LAB ZONE Co., Ltd. (Korea, Booth No.: TBC)

LABZONE Co., LTD. was established in South Korea in 2000. We will make more sincere efforts for research and development aimed at upgrading laboratory environments with creative ideas around the clock so that more convenient, safer, cleaner, and more sensible laboratories can be set up.

Tamrein Laboratory Air Purifier

- Removal of high toxic chemicals, odor, bacteria, microorganisms, viruses
- A high efficiency, long life Hybrid filter
- 4-Step Composite Filter System (dust, particle (HEPA), sterilization, gas filter)
- Hybrid filter of new technology to adsorb and photocatalyst decomposition
- Anion generation 3million particles/cc
- Sterilization filter (Ozone / Anion) sterilizing bacteria, microorganisms, viruses
- No ozone remains indoors
- Covers large space (approximately 1,600 CMH)
- Long life UV LED lamp (50,000 hours, 10 times longer than glow lamp)

Magical Film Enterprise Co. Ltd. (Taiwan, Booth No.: TBC)

Magical Film Enterprise Co., Ltd is a leading company in manufacturing quality **PLA Film**.

- 100% environmental-friendly raw material and can reduce the use of carbon
- Approved by U.S. FDA with unique characteristic for directly food contact
- Approved by regulations of ROHS, REACH and OK COMPOST
- Easily lamination processed with plastic or paper
- Illustrious surface with high level of transparency
- Extruding grade in equal thickness and superior film tenacity
- Suited with great capability for printing & various purpose and can be twisted
- Raw material is sourced from NatureWorks LLC resin Ingeo™, not oil base



Milan Ecowood Pte Ltd (Singapore, Booth No.: TBC)

Milan Ecowood is a home grown company with own technologies developed for the manufacturing of unique **Milan Eco Composite Wood**. The company has at least 200 profiles and new profiles are created monthly. New models are currently undergoing development to meet with the growing demands.

As the market leaders with many projects completed in Asia, Milan Ecowood knows woods better than anyone else and expanding sales rapidly to other parts of Asia such as Malaysia, Myanmar and Indonesia.



MOBA Mobile Automation AG (Germany, Booth No.: TBC)

MOBA Mobile Automation AG is an electronic manufacturer for mobile machines like construction machinery, refuse collection vehicles and agricultural machines.

MAWIS - a MOBA system for bin and container identification with RFID, GPRS, GPS as well a software solution to support waste disposal for cost reduction and PAYT (Pay As You Throw).

M-Scale - Weighing system for RCV's (Refuse Collecting Vehicles). The weighing system works automatically and non-automatically for various types of lifters and cranes.



PowerTech Ipc Company Limited (Hong Kong, Booth No.: TBC)

PowerTech IPC was established in 2005 and is specialized in providing innovative solutions for improvement of energy efficiency, water balancing and water quality.

AquaKLEAR - an electro-magnetic induction device, effectively controls the problem of mineral scale and biological fouling and therefore improves the energy efficiency of heat exchanging devices such as chiller and boiler. And it is certified to kill Legionella in dynamic test.

Activated Filter Media (AFM) - a direct replacement of quartz sand in a sand filter. Its catalytic function kills bacteria and hence reduces the consumption of chlorine and water. Chlorine by-product is also minimized.



AquaKLEAR



AFM

REC Green Technologies Company Limited (Hong Kong, Booth No.: TBC)

REC Green Technologies Company Limited strives to provide innovative energy efficient products and solutions.

EOS - Energy Optimization Solution designed to optimize the energy consumption of the HVAC system, EOS responds to the real-time system load and changes in the external weather condition to continually monitor and control different system components.

iFCU™ - Intelligent Fan Coil Unit employs permanent magnet motor and saves energy up to 80% at low speed operation. The iFCU™ is suitable for both renovation and new building projects.



Sartorius Hong Kong Limited (Hong Kong, Booth No.: TBC)

Sartorius is one of the world's leading providers of laboratory and process technologies and equipment. Sartorius offers:

Microbalance (Cubis®MSA6.6S) - can be easily custom-configured to the individual requirements for ideal weighing of PM2.5 &10 filters.

Quartz Microfiber filters (Grade Q3400) - 100 % high-purity quartz microfibers designed for ambient air monitoring. It is ideal for environmental testing. Important features of the filters include excellent weight, dimensional stability, trace metal values and high chemical resistance.



SITA Waste Services Limited (Hong Kong, Booth No.: TBC)

SITA Waste Services Limited (SITA) is the world's leading **recycling and resource management specialist** with long established expertise in the entire waste cycle. Its French parent company SUEZ ENVIRONMENT is a global player in the water and waste sectors with nearly 80,000 employees in seventy countries across five continents.

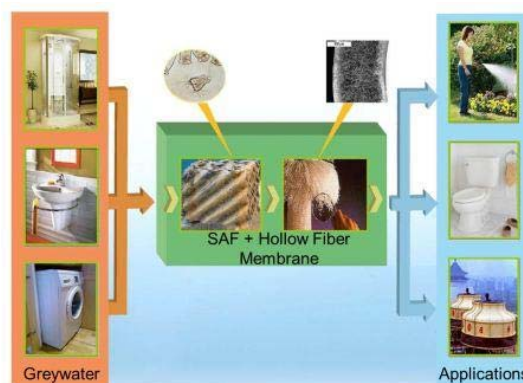
SITA provides professional and innovative integrated waste management solutions and technologies from resource recovery to disposal, including cleaning and waste collection, recycling, transfer stations, waste-to-energy through land filling and incineration of non-hazardous or hazardous waste, landfill restoration and aftercare, composting, and soil remediation.



South Horizons Plumbing & Electrical Company Limited (Hong Kong, Booth No.: TBC)

Grey Water Recycling System - Greywater is a part of domestic wastewater, including wastewater from washing basins, baths and washing machines, but excluding toilet waste. Due to the continuous development of treatment technologies, greywater and domestic wastewater can now be recycled cost-effectively through advanced techniques.

Recently, HKPC developed a recycling system employing **Submerged Aerated Filter (SAF)** to decompose organic matters in wastewater by special micro-organisms.



TNO (The Netherlands, Booth No.: TBC)



TNO is an independent **Dutch research organisation** whose expertise and research make an important contribution to the competitiveness of companies and organisations, to the economy and to the quality of society as a whole.

TNO is one of Europe's leading advisors on the Circular Economy. TNO developed a method of advising governments and companies on the circular economy based on a solid and realistic assessment of circular opportunities.

VAPO s.r.o. (Czech Republic, Booth No.: TBC)

The Pipe Stoppers - an effective tools for sealing or closing of drainage systems, pipelines and sewers. They are mainly used during repair & maintenance works, accidents and for leak tests according to the norm DIN EN 1610.

Rehabilitation Packers - are used for repairing locally damaged sewerages and pipelines.



Viesta Environmental Engineering Company Limited (Hong Kong, Booth No.: TBC)

Air Oasis™ air purifier is an environmental friendly product which have been authorized by the U.S. Green Building Council.

With LongLife+™ technology, UVC lamps longer with fewer lamp replacements, reduced waste, energy saving and improved end-of-life performance.

With its patented nano Nickel HCT™ Catalyst with high performance in improving indoor air quality (IAQ), it is proved effectively treat over 95% of airborne allergens, bacteria, virus, mold, as well as 80% TVOC and HCHO.



Water Supplies Department (Hong Kong, Booth No.: TBC)

The Water Supplies Department (WSD) has launched the voluntary "Water Efficiency Labelling Scheme (WELS)" since 2009 to advise consumers of the water efficiency of common types of plumbing fixtures and water-consuming appliances in order to help consumers choose water efficient products for water conservation. WELS currently covers showers for bathing, water taps, washing machines and urinal equipment and WSD plans to extend WELS to cover flow controllers later in 2014.

Flow Controller is a device that reduces and regulates water flow over a given range of water pressures, and can be used with water taps and showers for bathing to achieve water saving purposes.



WSS Infocard Systems B.V. (The Netherlands, Booth No.: TBC)

WATER SEPARATION TECHNOLOGY

Since 1992 WSS has developed, produced and installed waste collecting systems based on Identification systems. WSS is now one of the European market leaders in this expanding field.

Separation at the source

Inlets used at highrise, registering separation at the source.

RSVehicle

Registration system on the lever system of the truck. The container has a build-in chip and is identified and weighed.

RSoOffice

The WSS Web based Software will provide easy access to, and a clear view on, both costs and profits of all waste streams combined in one software system.

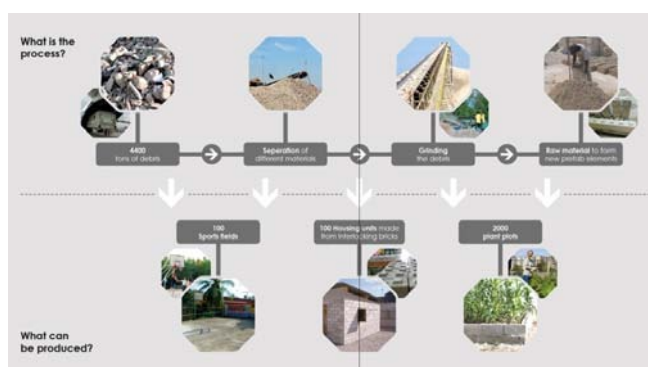


XCOOP (The Netherlands, Booth No.: TBC)

The world's economical recession instigates strategies for re-thinking situations and confronting different markets with open mentalities and an attitude of exchange and share.

XCOOP appetite for bettering people's living conditions brings us to develop a system intended to give debris a second life. This is a platform for international collection and exchange of knowledge.

Since 2011, XCOOP partners up with De Mobiele Fabriek and Jansen BV to implement urban regeneration through the up-cycling of construction waste.



Zhuhai World Wide Scientific Co., Ltd. (Chinese Mainland, Booth No.: TBC)

ZWWS is specialized in R&D, manufacturing, marketing and technological service of intelligent environmentally-friendly products. Our products include **Sensor Dustbin** and **Solar Trash Compactor**.

The solar intelligent trash compactor alone owns 12 national patents, and the products have been highly praised since launched.

The company has obtained the ISO quality management system certification, and its products have obtained CE and ROHS certificates. It has been awarded as "excellent manufacturer" by the government as well.

