

New Delhi  
8<sup>th</sup> February 2010

UK trade delegation: Environment & Water Seminar Mission  
to India

- Waste Management
- Air Pollution Control
- Water and Wastewater Treatment
- Clean Technologies
- Energy from Waste
- Recycling

Delegate Information

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(Companies profile – see below)

## ADVASOL MANAGEMENT - [www.asm-group.com](http://www.asm-group.com)

Mr. Gopal Jeyasundra  
Business Development Manager

[Advasol Management has many years experience in the Environmental sector, and focuses on providing organic waste recycling solutions to clients internationally.](#)

The innovative thermophilic digester produces high quality matured slow-release fertilizer granules in typically seven days. The volume of waste is reduced by around 60%. An optional feature is to further blend with other nutrients to produce balanced fertilizer. A real alternative to fossil fuel based fertilizer.

The technology features all-in-one automated processes with continuous feeding cycle. It is economically scalable and flexible for meeting any demanding requirements.

Our digesters produce sanitized digested animal feed meal from food waste. It uses innovative microwave dryer for efficient and economical processing. The processing is fast and return on feed meal is also high.

We are interested in buying fertilizer or digested animal feed produced by our technology, thus giving you real incentive to recycle and reproduce useful products from waste. The return on investment would suit many businesses around the world.

Additionally we produce blenders/ mixers, volume reducers, granulators, microwave dryer/ sanitizer modules to suit any application.

With expertise and friendly staff, the company offers a professional service for businesses and government institutes. The technology is designed for meeting UK DEFRA ABPR and other regulations, allowing clients to commission the machine on a timely manner.

## BRITISH GLASS - [www.britglass.org.uk](http://www.britglass.org.uk)

Ms. Jenni Staves  
Senior Environmental Technologist

[The British Glass Manufacturers' Confederation represents the UK's glass industry.](#)

From our offices in Sheffield we act as the industry's focal point, playing the principal role in communicating the concerns and aspirations of our Members to the Government, the European Union and other external interest groups and trade bodies. With more than 40 years' experience of serving our members, we are instrumental in promoting glass as the first choice material for containers, flat glass, domestic glass, scientific glass, technical glass and glass fibre applications. In 2007 British Glass added ISO14001 – joining ISO9001 and 17025 – to its well established reputation for quality. ISO14001 reflects the growing focus within the UK business community on environmental issues which often go hand-in-hand with cost saving – this is particularly true within the energy intensive sector which British Glass primarily serves where price increases over the last few years have made energy savings – even small ones – valuable. Our technical arm, Glass Technology Services (GTS), is a world-renowned centre of excellence, helping companies around the globe to solve technical and production challenges.

## BUSINESS TO BUSINESS - [www.btob.co.uk](http://www.btob.co.uk)

Mr. Andrew Wilson  
Regional Director

[Business to Business creates and delivers business support projects and events.](#)

We provide a diverse range of business support services to everyone from micro-businesses to multi-national blue-chip organisations. With experts in every aspect of business strategy and operations, we are able to provide a coherent programme of action to meet any organisation's demands. This may include operational management, capacity building, exploring overseas opportunities, event management, assessment and delivery of training, and sustainability – in which we have a particularly strong reputation.

Much of our work is done on behalf of public organisations that are responsible for the success of businesses in their area or region – Regional Development Agencies, local government and business intermediaries.

After 16 years of engaging and supporting SMEs we have been able to build up strong, trusting relationships with many businesses, business organisations and public bodies.

On behalf of UK Trade & Investment, Business to Business has managed the recruitment and organisation of the environmental delegates on this mission.

# CASTLE PUMPS - [www.castlepumps.com](http://www.castlepumps.com)

Mr. Edward Shaw  
Technical Sales Engineer

Castle Pumps are specialist suppliers of all types of fluid handling equipment. We can supply standard pumps from our comprehensive ranges, or specialised units including marine, exotic materials, and heavy duty pumps to DIN24256, ISO2858, ISO5199 or API 610.

Castle Pumps has a wide range of pumps available for nuisance water, water treatment, for factory and other waste products.

Pumps are the third most traded commodity in the world, so it is no surprise that the sheer number of manufacturers, types of pumps and material options are confusing. This is where Castle Pumps comes to your assistance. Being Pump Distributors, we have extensive experience with many different Pump Manufacturers and Pumping Applications. We work with them constantly, so we have probably already solved your pumping problem with another client. At Castle Pumps we prefer to offer quality pumps, ones that are reliable and represent the best value for money. We understand the cost of 'downtime' and the consequences of lost production. But we also acknowledge that there are times when a 'cheap' pump is required, that is why we supply pumps from such a wide range of reputable pump manufacturers – so that we can select a pump that is suitable for YOUR pumping application.

Castle Pumps are Specialised Fluid Handling Equipment Suppliers. We have over 25 years experience in all aspects of Pumping. We only sell reliable, quality equipment, from reputable manufacturers, which is designed to give you, the customer, many years of reliable, trouble-free service. Our product ranges are able to pump all types of liquids, from thin solvents to viscous pastes. Castle Pumps Ltd. are committed to providing the best possible service to all of our clients. We are a family run business and have been established since 1982. We have experienced and qualified technical sales engineers on hand to deal with your queries with Worldwide Export Experience.

Our aim is your complete satisfaction. Castle Pumps Ltd work in accordance with BS EN ISO 9001:2008.

## CHOICE WASTE MANAGEMENT - [www.choicewastemanagement.com](http://www.choicewastemanagement.com)

Mr. Raja Rizwan Iqbal  
Chief Executive Officer

Mr. Salim Khan  
Director

[Established in 1997. CWM provides waste management solutions in the UK & Europe to the multinational manufacturers & waste producers.](#)

From the onset CWM has always engaged in promoting recycling and addressing related issues. Recent EU targets for recycling and waste management have come to the forecourt of Global concern. CWM actively obliges. It is now venturing in a concerted effort, in creating awareness of environmental issues in major markets such as India. CWM has been enthusiastically participating in resolving the environmental issues being faced by the world at large. CWM has been providing training and guidance to companies in classification and recognition of recyclable materials. Over the past 5 years CWM has invested in a cross dock operation in Europe which takes recyclable waste from businesses in Belgium, Holland, France, Germany, Spain and Norway. CWM has actively scoured diverse world markets to support and sustain the growing need to recycle.

CWM has ISO9001 Quality Standard and ISO 14001 Environmental standard certifications, and passes all the checks and tests carried out by Government Agencies in environmental sectors. Mr. Raj Iqbal, the CEO, was selected by the DEFRA & UK Environment Agency to be part of the team (ACP) formulating the new environmental regulations focusing on waste management, its export and generation of revenue from the Packaging Export Recovery Note (PeRN).

CWM won the China Exporter of the Year Award in 2005-6. On this mission, Mr. Raj Iqbal aims to promote UK technology in waste management for example infrared/laser technology for plastic containers and auto sorters for paper waste. An endeavour will be made to highlight mutual benefits for both countries to participate in trading.

# DETECTRONIC - [www.detectronic.org](http://www.detectronic.org)

Mr. Dave Walker  
Director

Detectronic manufactures services and repairs a wide range of area velocity flow meters at its facility in Nelson, Lancashire. Most of the instrumentation produced or repaired by the company is destined for use in potentially explosive atmospheres. The company's skilled workforce has more than 50 years of accumulated experience in the design, manufacture, service and repair of intrinsically safe flow meters. Contracts include UK, Kuwait, Hong Kong, Canada, Ireland, Netherlands.

The design and management team at Detectronic have been involved in manufacturing flow monitors for the waste water industry for over 50 years, pioneering Doppler velocity measurement as early as 1974. Through more recent advancements in electronic components design Detectronic have been able to take advantage of better processing technology and remote communications to produce rugged, reliable products for today's demanding markets.

The New ATEX/IECEX MSFM Multi Sensor Sewer Flow Monitor from Detectronic Ltd is a versatile Ultrasonic Doppler Flow Measurement system for sewers in the form of open channels or partially filled pipes. It is designed to monitor raw sewage, industrial effluents and storm waters. The MSFM has also been used successfully in reservoir compensation flow monitoring under the Water Frame Work Directive.

Automatic GPRS Data Retrieval is standard and can be used worldwide\* Additional standard input accepts Detectronic Ultrasonic Level Sensor for Storm over Flow Monitoring.

## Applications

- Sewer Flow Monitoring
- Sewer and Drainage Rehabilitation Surveys
- Water Frame Work Directive/Reservoir Compensation Flows
- Storm Over Flow Monitoring
- River Basin Surveys

\* Any country that supports GPRS network. Air time agreements may apply. Please contract Detectronic for UK and World Wide tariff details

# GEOTECHNICAL INSTRUMENTS - [www.geotech.co.uk](http://www.geotech.co.uk)

Mr. Tony Trocian  
International Sales Manager

Geotech has been at the forefront of rugged field instrumentation for over 30 years. As such we have become one of the main equipment suppliers to the Landfill, Anaerobic Digestion and associated industry worldwide.

Geotech is a manufacturer and supplier of leading edge gas analysis and monitoring instrumentation for a wide variety of applications including:-

- Landfill Gas management
- Biogas (Anaerobic Digester) measurements
- Leachate and condensate control
- Water level and quality
- CDM/JI projects
- Indoor Air Quality
- CO2 Incubator measurements
- Compressed air in Diving

The objective of attending this mission is to review the potential market for landfill gas management, Biogas measurements and determine how landfill gas/Biogas is utilised. In my presentation I will outline how UK companies use gas management to prevent damage to the environment and maximise usage of landfill gas/Biogas as a renewable energy source.

# IAB INTERNATIONAL - [www.iabinter.com](http://www.iabinter.com)

Mr. Ian Millar  
Principal

IAB International represents several companies in which high value technologies are being developed and/or commercialised.

## Biodegradable packaging

This packaging can replace plastic packaging used in the electronics and other industries.

### Objective

Develop an awareness of the India region to decide on a manufacturing base for our for application.

- Source material
- Source logistic hub
- Develop understanding of pertinent manufactures for application

## Emission reduction technology

A new technology, which will reduce industrial emissions (CO<sub>2</sub>, NO<sub>x</sub> and Sox) in cement, oil, steel and coal industries.

### Objective

The objective is to raise awareness of these technologies to the appropriate Government authorities and industries at the highest level and to seek appropriate pilot projects opportunities.

# SUNS RIVER

Mr. Ashe Upadhyaya  
Group CEO

[Suns River is a technology and development company with rights to US and Worldwide Patent for the Suns River Still \(SRS\) processes.](#)

The SRS brings forward innovation in solar powered distillation with potential to make significant contribution in supply of fresh water. The SRS multiplies classic still productivity by a factor of 5, operates on 95 – 100% renewable energy and has very low environmental impact. SRS is not as sensitive to higher salt concentrations, thus feed streams include water from the sea, rivers, saline wells and wastewater. With its product of pure, distilled water, Suns River will redefine the concept of hybridization of solar with existing desalination processes. This technology is ideal to help meet the recent requirements of zero carbon impact for new desalination installations. Extensive pilot plant testing has shown that SRS technology is completely scalable and can be built large for municipal and industrial needs and small for community & family needs. The company is committed to make SRS accessible to distributed, needy users.

Critical shortages in supplies of fresh water are already impacting millions and millions of people around the world and the situation is only going to worsen as populations grow. With more than one billion people already lacking adequate water for living in 2009, water scarcity will soon be a bigger issue than global warming according to UN Secretary General Ban Ki-Moon. Global desalination capacity from the present more than 14,000 plants is expected to double by 2016. Wastewater reuse, once a virtually forbidden topic, is now practiced, or under consideration by many of world's major industrial companies and one quarter of its major cities. In fact, over the next decade water reuse capacity is expected to triple. Success in this increasingly stressed environment will call for flexibility and versatility of technologies.