

## Quality, Innovation, Reliability ... Vikoma's ethos

Vikoma™ has had a very busy few months. We have entertained government ministers, won major contracts and scooped several prestigious awards. Then, add to that a new intake of apprentices and an imminent move to new premises and you have very exciting times planned for 2010.

### £2 Million Contract for Ministry of Defence

Vikoma is beginning production of a number of hydraulic powerpacks, specially designed for pumping operations in the most extreme climatic conditions.

Three different designs are currently in production to be delivered to KBR, bound for the UK Ministry of Defence, by June next year.

The units have been tested at the MOD's facilities in temperatures ranging from minus 46°C up to + 49°C with solar radiation giving surface temperatures in excess of 90°C.

The contract was awarded on the strength of Vikoma's excellent design and manufacturing capability, and our ability to meet the stringent safety requirements required by the military.

The units have been specially designed to



*One of the powerpack units bound for the MOD*

incorporate features for cold starting and for cooling in extreme climates, in order to provide continuous hydraulic power in remote and difficult operating conditions.

Mike King, Managing Director said, "Winning this contract is a testament to the expertise and skills of our design and manufacturing teams."

"These designs open up exciting market opportunities for Vikoma, and we are well positioned to meet the demand".

### Government Minister Visits Rotawave and Vikoma

The UK Government Minister for Environment and Rural Affairs, Dan Norris MP, recently visited Vikoma's Isle of Wight manufacturing facility to learn more about new technology from Rotawave Ltd, Vikoma's sister company.

Rotawave has patented new technology which has applications in the Biomass sector concerned with the generation of Biochar or Biocoal and also in the Oil and Gas drilling sector.

The Rotawave Targeted Intelligent Energy System



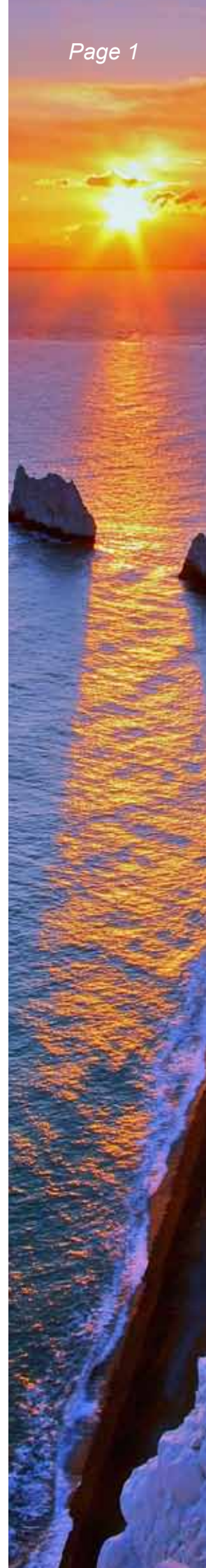
*Paul Williams and Shane Arnold work on a powerpack, watched by Andrew Turner, MP, Dan Norris, MP and Peter Scholes, Group MD*

(TIE) creates biochar from biomass. When this biochar is micronised with coal it becomes Biocoal. For several years concern over CO<sub>2</sub> and greenhouse gas emissions has led to legislation requiring operators of coal-fired power stations to co-burn biomass products with coal which will help reduce emissions. Rotawave Ltd is in the forefront of this market with unique clean and cost effective technology, which is rapidly gaining world wide acceptance.

In the Oil Industry the Advanced Thermal Processor (ATP) is used to extract hydrocarbons from drill cuttings. This low energy, low temperature process recovers the oil, which can be re-used, and importantly changes the status of the cuttings from a hazardous waste to an inert revenue. The ATP has offshore and onshore applications.

Rotawave Ltd and Vikoma Intl are wholly owned subsidiaries of Energy Environmental Group (EEG).

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## Vikoma Wins Major Orders from Japan

Quality is a major factor of our success in Japan. The discerning Japanese market demands high quality, efficient products that meet the needs of its agencies and responders.

Vikoma has recently supplied 16 Containerised HI Sprint™ boom systems and 4 Containerised TC3 systems to two clients in Japan, via our agent, Gadelius Trading KK.

The boom systems comprise 250m of Vikoma's renowned HI Sprint 1500, neoprene single point inflation boom, on a powered reel, all housed in a robust container ready for fast deployment.



The TC3 helicopter dispersant systems were also supplied in containers for safe storage and easy transportation. The unit is stored in a compact aluminium container for fast transit to the deployment area.

The 910 litre capacity unit is controlled from the helicopter so that dispersant can be applied directly to the affected area.



A separate order for 6 containerised MiniVac™ systems have also been shipped to Japan. The Vikoma MiniVac is a unique system for cleaning oils from beaches and shorelines. It can be supplied with a special hopper and transfer pump to enable continuous cleaning, and pumping of recovered oil away for storage or transportation.

The unit uses an optimised air flow design to provide powerful continuous suction, which will not lose power, essential for recovering viscous and weathered oil. For portability, the system splits into several component parts making it easy to carry into remote or difficult to access areas.



## Vikoma Makes an Impression at UK Spill

In October, Vikoma showcased its products to an audience of over 70 delegates from the UK and Europe at UK Spill, held at Oil Spill Response Ltd's (OSR) Southampton response base.

This year, the featured products were the Komara Star 20, and the TC3 (kindly loaned from OSR's own equipment stock).

The Komara Star 20 is a toothed disc skimmer designed specifically to recover viscous oil. The toothed disc combines mechanical action, pulling oil into the skimmer, with the principles of disc skimming, making it highly effective for continuous recovery of heavy oil. The strong aluminium discs also make the skimmer ideal for

skimming medium to viscous oils in icy waters. The strong teeth and the pivoting disc banks enable pieces of ice and other debris to pass through the discs without blockage.

The Komara Star 20 skimmer can recover 20 m<sup>3</sup> of oil per hour, with less than 2% free water pick up, virtually negating the need for secondary processing.



## Installing a Komara T-Disc Skimmer will reduce costs and benefit the environment



Installing one of Vikoma's patented Komara T-Disc skimmers in an industrial facility can greatly reduce the cost of dealing with contaminated water in API separators and over flow pits.

Skimming oil from tanks and pits will also reduce the risk of contaminated water reaching the environment, as well as decreasing odours and the release of potentially noxious gases from standing pollutants.

The Komara T Disc range is designed specifically for industrial applications and can run continuously day in, day out, with minimal attention, unlike the traditional C Pipe method of skimming oil, which is highly inefficient and often results in large volumes of water being recovered.

Like all of Vikoma's disc skimmers, the T Disc recovers oil at up to 98% efficiency. This virtually eliminates the need for secondary processing,

Vikoma has recently installed a Komara T14 floating skimmer at a refinery in Argentina. The

stainless steel unit will be used to continuously recover waste oil from a separator tank. The collected oil can then be returned to the processing system as a usable oil product.

Komara T Disc systems are in operation in refineries across the world. Based on reports from operators, it is estimated the unit will pay for itself within six months. After that time, it has been shown that the system actually begins to generate income for the operator.

T-Disc skimmers are built of stainless steel and designed to withstand the highly aggressive conditions often found in industrial applications. Systems can be supplied to meet ATEX standards and include a number of safety features for Zoned areas.

Komara T-Disc skimming systems are available as floating or fixed systems in a range of capacities. Vikoma can advise as to the right type of system to meet individual requirements.



## UK Minister for Trade & Investment finds out about Oil Spill Response techniques.

Lord Davies of Abersoch met Mike King, Vikoma's Managing Director as part of a visit to the South of England to find out about some of the region's successful marine sector businesses.

The Minister showed great interest in Vikoma's oil spill response equipment, whilst taking a tour of Oil Spill Response Ltd's Southampton base.

*Left to Right: Lord Davies of Abersoch; Dave Salt, Operations Director, OSR; Mike King, Managing Director, Vikoma.*



## Vikoma Apprentice Programme will Bring Results



New Apprentices left to right: Ali Blow, Adam Shaw & Rob Taylor

To supply high quality reliable equipment we rely on the skills and expertise of our personnel.

Vikoma has run an Apprentice Programme for more than 25 years, to ensure we have the right skills to meet our own high standards.

Our latest intake of three apprentices joined Vikoma in October. Rob Taylor, Ali Blow and Adam Shaw will spend three years with Vikoma, working

on projects alongside senior members of the team, as well as attending college one day every week for theoretical and classroom training.

Vikoma already has four other apprentices currently in their final year. During their placements all our apprentices will have worked in every department, including manufacturing, engineering design, sales, marketing, shipping and administration, to give them a broad understanding of the business.

Our apprentices follow in the footsteps of more than 20 others, many of whom have stayed with Vikoma, building careers in manufacturing, engineering, training and sales.

Mike King explained, "We are proud that so many of our apprentices have stayed with us, filling roles throughout the business. Several of them are now acting as mentors to our current trainees. It is this loyalty and continuous development of expertise that sets Vikoma apart as a quality company."

## New Building Taking Shape

Vikoma's new manufacturing facility is nearing completion.

The fit out of the workshops and offices is now well underway and we are on schedule to move in the Spring.

We are currently planning a big opening event and number of open days in the Spring - watch this space!



## Vikoma Wins Chamber of Commerce Awards for Business & Manufacturing

Vikoma has just scooped three prestigious awards at a glittering gala dinner held in Cowes, the sailing capital of the world.

Vikoma was short listed for two highly prized Chamber of Commerce Awards for Excellence. The company was named as "Manufacturing and Technology Business of the Year", and received a Highly Commended in the "International Business of the Year" category.

**The highlight of the evening was the presentation of the coveted "Chamber of Commerce Business of the Year" Trophy, which is given to the business which has shown outstanding achievement. Vikoma's Managing Director, Mike King and Group Managing Director of Energy Environmental, Peter Scholes accepted the award on behalf of the company.**

Mike King, Managing Director said, "It is a great honour to win these awards. It is testament to the skills and hard work of the entire company that Vikoma continues to be held up as an example of business excellence and quality manufacturing."



Vikoma International Ltd has an ongoing development program, as such we reserve the right to amend the information contained in our literature without prior notice. All quoted dimensions and quantities are nominal. Please contact us for more information

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