



**Land of Hope and Glory**

## Much Ado About Wind

*Wind Energy in the UK is the golden opportunity the country has been looking for to rebuild its manufacturing base. The UK has been stripped of many large industries, the manufacturing being moved to China and India because of lower costs.*

*Here is a real chance for us to create employment and revenue for the country. Many of the major turbine OEMs have committed to building manufacturing facilities in the UK due to the massive offshore opportunities. The Government has shown its support for the Wind Industry but more needs to be done to encourage even more capital investment.*

*We need a better acceptance of Renewable Energy and in particular Wind. The fundamentals of wind energy should be taught at schools.*

*If children were aware of this growing industry and its benefits more would eventually want to be involved. We should create centres of excellence for wind turbine technicians and aim to be the best in the world.*

*We have the opportunity on a plate, we need to grab this with both hands and say thank you very much!*

**Quo Vadis, Wind Energy**

## Met Office Does Quo Vadis Proud

windpower renewable solutions Limited were delighted when the Met Office in Exeter offered to host the 4th Quo Vadis Conference – and it proved to be another fantastic success. 54 attended a guided tour of the Met Office facilities on Wednesday afternoon, 17th November with feedback that was totally positive regarding services that the Met Office can offer to wind farm owners and operators. Wednesday evening saw the Southgate Hotel in Exeter as the venue for the traditional pre-event dinner. With nearly 70 people attending it was the ideal opportunity for likeminded wind industry professionals to network in a relaxed atmosphere.

Quo Vadis is becoming a truly global forum with attendees from the UK, Ireland, Denmark,

**Quo Vadis** Finland, France, Conference the Netherlands,

Germany, Canada and the USA. Over 80 delegates representing 19 major utility companies and owners saw Clifford McSpadden from the Global Wind Alliance chairing the event on Thursday. The start was made by the MD of B9 Energy Sam Anderson who explained the benefits of communication regarding Health and Safety. This was followed by presentations from the Met Office,



GasTOPS, Schaeffler Group, Moventas, and GL Garrad Hassan.

A true highlight of the day was “The Out Of Warranty Journey” presented by Jon Beresford from E.ON, Manager of offshore wind farm Scroby Sands. Jon explained how he, his team at Scroby Sands, and E.ON came to their final

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It's all in a suitcase

## Easy Grease



Easy Grease is a compact and efficient automatic greasing unit, delivered in a shock-absorbing and waterproof suitcase for maximum protection. The grease cartridges come in 3000ml or 5000ml sizes.

Easy Grease provides the following benefits:

- less downtime during maintenance
- accurate lubrication
- less contamination risk
- lower costs on lubricants
- less muscular stress of technicians

windpower renewable solutions Limited are the appointed distributors for the Easy Grease product range in the UK and Ireland.

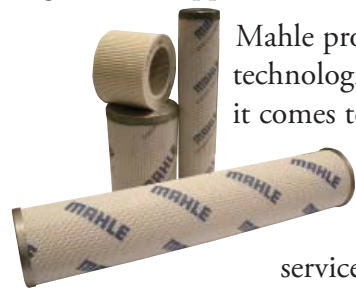
**“The nation behaves well if it treats the natural resources as assets which it must turn over to the next generation increased, and not impaired, in value.”**

Theodore Roosevelt (1858-1919), Former US President

Don't Soil My Oil

## Mahle Filtration Systems

windpower renewable solutions Limited work closely with Mahle Industrial Filtration, one of the world's largest filter suppliers for the wind industry.



Mahle products provide a technological advance when it comes to optimizing the entire system toward maximum profit and minimum costs, long service life, high reliability, and environmental friendliness.

Mahle products are used, among others:

- For oil filtration and cooling in gearboxes—e.g., the innovative oil filter module, filters, spin-on cartridges, and filter elements
- In hydraulic systems for rotor blade adjustment, for azimuth adjustment, and for brake systems—e.g., flange-mounted filters and air breathers

Other Mahle products include oil/water separators, oil care products, air cleaners and air breathers.

Can the can

## Kema® MRO Products



windpower renewable solutions Limited were appointed by ITW Chemical Products Scandinavia as sales representatives for their Kema products in the UK and Ireland.

The Kema product lines have been developed and produced in Denmark since 1975 and include:

- Kema® aerosols
- KemLock® adhesives and threadlockers
- KemCare® cleaning and maintenance wipes
- KemKote® assembly pastes
- KemCut® cutting fluids

MSDS are available in a variety of languages to ensure compliance with local regulations.



Bring to light

## Resolux Lighting Solutions

windpower renewable solutions Limited supply Resolux light fittings and total lighting solutions.



Resolux have developed fittings and solutions to match the needs of customers throughout the world. They aim to ensure that product installation is as simple as possible.

This saves time and thus optimises costs.

High-quality UL approved fittings provide effective and safe working light, even under extreme climatic conditions. There is also a range of IP65 light fittings with UL/CSA, CCC & CE approvals available.



Quo Vadis, Wind Energy

## Quo Vadis Quo Vadis (continued from page 1)

decision regarding the Operations and Maintenance of the wind farm after warranty. This was particularly interesting as Scroby Sands was the first offshore wind farm to reach this milestone.

Quo Vadis, one of the leading events in the wind industry, is the only conference solely for owners and operators. windpower renewable solutions Limited are eternally grateful to their sponsors GL Garrad Hassan, Moventas Wind Oy, the Global Wind Alliance, and Schaeffler Group (INA/FAG) as without them it would not have been possible to run the event free of charge.

Quotes from delegates:

**“Very valuable, very well organised, well done.”**  
Huw Smallwood, MD, Tegni Cymru

**“Excellent presentations!”**  
Neil Harris, Operations Director, REG Windpower

**“Great event, will come back, keep up the good work.”**  
Nick Orton, Wind Asset Leader, E.ON Climate & Renewables

**“All topics and speakers were good. Dinner and arrangements were delightful.”**  
Roger Fredheim, Production & Technology Manager, Statkraft

Give me a brake

## Brakes, Calipers, Spares

windpower renewable solutions Limited are now stocking and sourcing brakes, calipers and spares for Brembo and Svendborg brakes.



These include brake pads with or without thermistors; cylinder repair kits; seal kits; and springs. Brake discs can also be sourced for most makes of turbines on good delivery times.



The Air That I Breathe

## Disposable Breathers

windpower renewable solutions Limited are Des-Case® distributors for the wind industry in the UK.



Studies have shown 50 to 70 percent of lubricant contamination can come from outside the equipment.

Protecting the air-flow from moisture and particulate contamination is extremely valuable for front-end protection and reliability optimisation.

Des-Case desiccant breathers incorporate a high capture-efficiency filter to help sustain desired cleanliness levels by removing even minute particulate matter. They also create low relative humidity levels in the headspace, making condensation and absorption by the lubricant unlikely.

Installation of Des-Case breathers as critical ingress points is a cost-effective means to prevent contaminants from entering the fluid reservoirs as different pressures occur. Reverse flow through the breather allows for regeneration of the desiccant and prevents oil vapours from entering the work environment.

**“We cannot direct the wind but we can adjust the sails.”**

Unknown Source

# Spot The Difference



Spot the eight differences on the bottom picture and list them in an e-mail with the subject "wrs Revolution 4".

Send this e-mail to: [sigrid.donovan@wrs-uk.com](mailto:sigrid.donovan@wrs-uk.com) for your chance to win one of the following prizes:

1. A wrs polo shirt;
2. A scale model of a Vestas V112 turbine;
- 3.-5. A wrs mouse mat

Deadline for entering the prize draw is 28<sup>th</sup> February 2011. Good Luck!



Check out our website <http://www.wrs-uk.com> or call 01474 534251

Why not sponsor an animal from our nominated charity Brinsley Animal Rescue: [www.brinsleyanimalrescue.org](http://www.brinsleyanimalrescue.org) e. g "Boris" the blind bull

**A clear stream, a long horizon, a forest wilderness and open sky – these are man’s most ancient possessions. In a modern society, they are his most priceless.**

*Lyndon B. Johnson (1908-1973), Former US President*

## It's A Date

### For Your Diary

25<sup>th</sup>-27<sup>th</sup> October 2011:  
RenewableUK 2011, Manchester Central  
Visit wrs on Stand 246

9<sup>th</sup> and 10<sup>th</sup> November 2011:  
Quo Vadis Conference, venue tbc  
Only for Owners and Operators

