



Way To Go

The Way Forward For Wind

There is an awful lot of "hot air" going round, it's just unfortunate that we cannot put it to good use. The UK has committed to achieve its targets for carbon reduction, but it will never meet its goal if it continues to oppose and delay planning decisions, with an estimated 9.8GW of wind energy projects trapped in the current planning system still awaiting approval. This is made even more apparent when one looks at an onshore Local Planning Authority approval rate of just 25%.

Round 3 now having been released by Crown Estates highlights the huge potential that the UK has for renewable energy. Our government should and must support this industry. We need to try and attract more manufacturers to invest time and money into the UK. We need to show that we can be a world leader when it comes to renewable energy. After all, the estimated wind source in and around the UK is a mighty 1,100GW.

Quo Vadis, Wind Energy

windpower renewable solutions Ltd Held Third Wind Energy Forum

It grows and grows... Quo Vadis is now recognised as one of the leading events in the wind industry calendar. In its third year Quo Vadis went to Gatwick and some 80 people from all over the globe attended. wrs were delighted to be offered by Germanischer Lloyd and Moventas to be the two main sponsors of the event. Some 50+ attended the pre-event dinner on Monday evening including Maria McCaffery, CEO of the BWEA (now RenewableUK). Tuesday got off to a great start with Quo Vadis officially being opened by the Shadow Energy Minister Charles Hendry MP; he gave a very in-depth prospect of the Conservative Party's views and aims regarding renewables. The day then

continued with presentations from experts from many fields of the industry including a very unusual and eye-catching performance by David Moss, Sales Manager from Moventas Oy. It was clear from the comments on the day and also from the feedback received after the event that this forum is needed and needs to remain in the same format: being only for owners and operators.



wrs are hoping that they can build the numbers of attendees to around 100 this year. "We do not want Quo Vadis to get too big. It is personal, great for engineers and asset managers to network during the breakout periods. We always make the agenda as informative and exciting as we can" Kevin Donovan comments.



The Tooth, And Nothing But The Tooth

Moventas Gear up with wrs

windpower renewable solutions Limited have great pleasure in announcing that they work closely with Moventas Oy to promote their gearboxes in the UK.



Moventas are one of the world's leading manufacturers of wind turbine gearboxes, with a reputation for quality products and services. Long lead times

for replacement units are an owners nightmare; Moventas' philosophy of delivery from stock is almost unheard of and can make the difference between a turbine running or lost revenue due to extended downtime.

windpower renewable solutions have just supplied a Moventas gearbox to a windfarm in Wales. The owner, Mr. Huw Smallwood was delighted with the execution: "These days it is rare to find companies that take pride in the service that they give to customers, but since using WRS I have been filled with confidence. They take great care to keep their customers updated every step of the way and the backup they provide is excellent."

Electric News

Generators from ELIN

windpower renewable solutions Limited are proud to communicate that they are working hand in hand with ELIN Motoren of Austria to supply their generators in the UK, with the first order placed and delivered for 2 off 1.5MW generators.



ELIN have an extensive range of generators from 600kW up to 2.5MW,

being initial suppliers to NEG

Micon, Nordex, Fuhrländer, Sinovel, Suzlon and Ecotecnia. ELIN have recently moved into their brand new state-of-the-art factory in Austria with some of the most innovative and modern equipment anywhere in the world. windpower renewable solutions Limited are delighted that ELIN decided to join forces with them in the UK. Please do not hesitate to contact wrs if you should require further information on ELIN and their products.

Smooth Operation

Castrol Optigear SyntheticX

Replacing a mineral-based product with fully synthetic Castrol Optigear Synthetic X in a wind turbine gearbox resulted in a significant increase in oil-change intervals. The service life of the oil was increased by more than four times, from 18 months to 84 months.

Castrol Optigear Synthetic X can be confidently used in wind turbine gearboxes which have left their warranty period and where it was not the first-fill oil. Switching to Castrol Optigear Synthetic X for service-fill has been shown to completely eliminate



Cleanliness of gears which have been running for over two years with Castrol Optigear Synthetic X.

pump damage during the winter period due to the oil's excellent pumpability at low temperatures. The fully synthetic product was shown to reduce gear teeth wear, improve gear surfaces and prolong the life of the gearbox.

Time is a great teacher, but unfortunately it kills all its pupils.

Hector Berlioz (1803-69), French Composer



Whatever befalls the earth befalls the son of the earth. Man did not weave the web of life; he is merely a strand of it. Whatever he does to the web, he does to himself.

Chief Seattle (c. 1786-1866), leader of the Suquamish and Duwamish Native American tribes in what is now the U.S. state of Washington



The Global Wind Alliance

The Global Wind Alliance is an exciting new concept for the successful operation and maintenance of wind farms across the world. The GWA brings together some of the finest component manufacturers and experienced engineers from the wind industry and beyond under one alliance. This provides the client with one single, reliable, unbiased point of access to the equipment and the people best qualified for keeping the wind farm operational and profitable, wherever it may be in the world. The GWA offers clients a tailored solution to help reduce downtime of wind turbines. This service includes: safety audits and compliance; health monitoring and fault protection; independent inspection and reporting; planned, unplanned and preventative maintenance; rapid repairs; parts refurbishment; technical and operational problem solving; global supply chain management; strategic stocking and logistics centres.

The Global Wind Alliance was launched in May 2009 at the AWEA Windpower in Chicago, with 8 member companies. In addition to Windpower Renewable Solutions Limited, these founding members included B9 Energy O&M Ltd, Croon Elektrotechniek B.V., Grants Electrical Services, Hydac Technology Ltd, Limavady Gear Company, South West College, and Stork Gears & Services.

Unlike a trade association where strength is often in numbers, the GWA has sought to add only new members that complement and strengthen the overall service offered by the Alliance. So during the past 9 months, new members have included Bartons Industrial Services, BASE Group, Enersol, Morgan Carbon, and Q8 Oils. In January 2010, the GWA welcomed its newest member – LM Glasfiber, the world’s leading blade specialist with over 30 years of track record in design, manufacture and servicing of rotor blades. LM Glasfiber brings to the Alliance solid expertise and detailed knowledge of all aspects of the blade and a comprehensive service

offering ranging from inspection, repair and overhaul to preventative maintenance, complementing the range of services offered by the other companies in the Alliance.

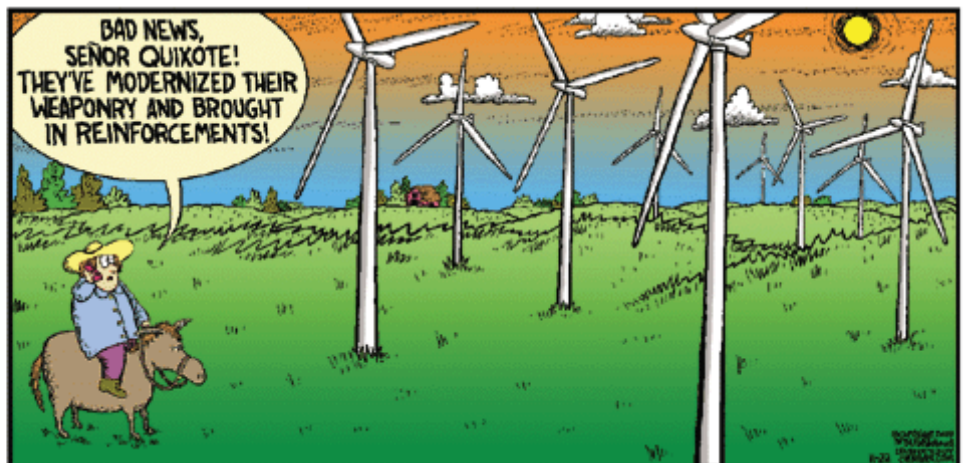
In the current environment of rapid global growth in wind energy, the Global Wind Alliance is ideally positioned to support the rising expectations of the maturing wind farm owners.



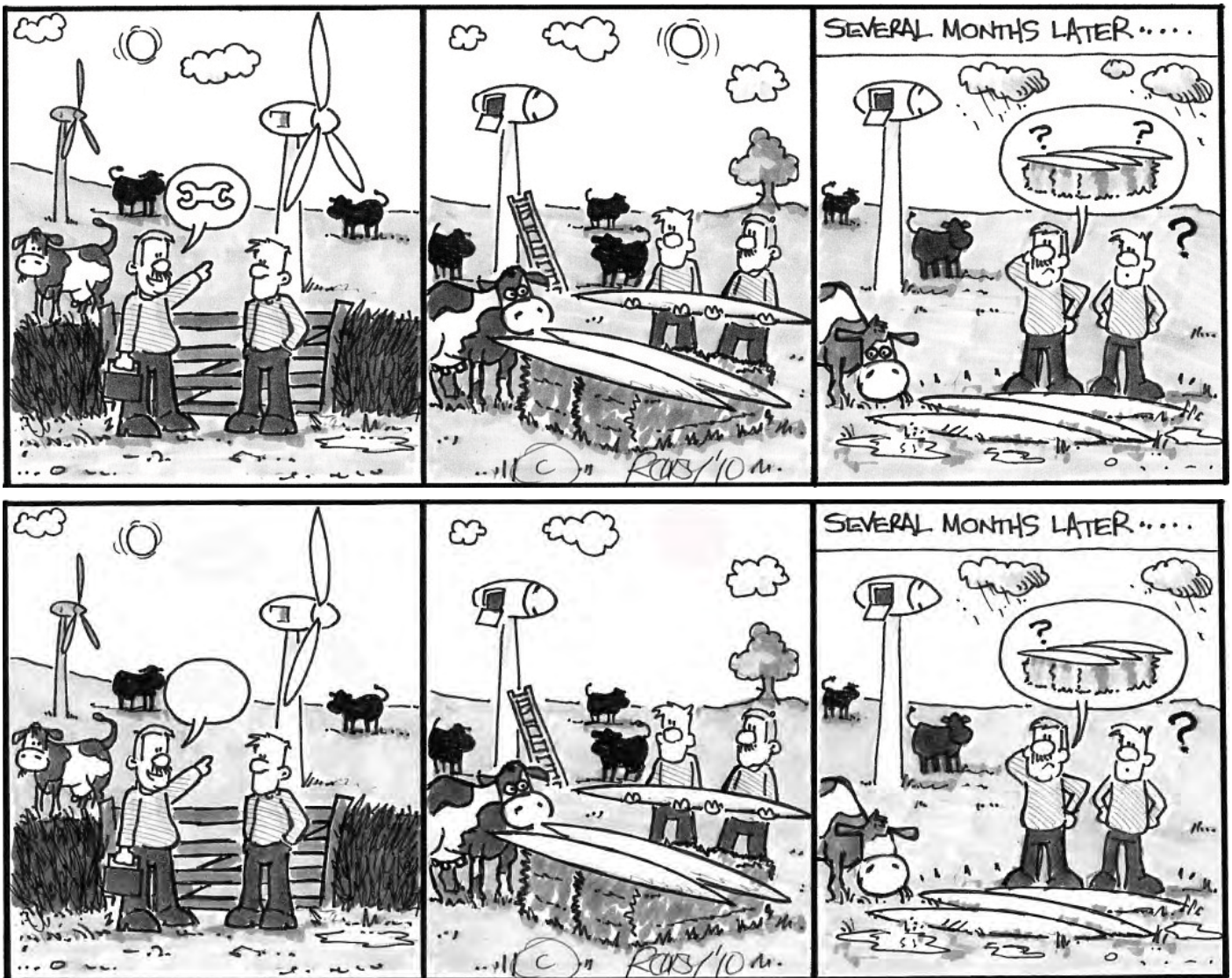
Delegates from the Global Wind Alliance at their recent meeting in the Netherlands.

“I would feel more optimistic about a bright future for man if he spent less time proving that he can outwit Nature and more time tasting her sweetness and respecting her seniority.”

E. B. White (1899-1985), American essayist, author and humorist



Spot The Difference



Spot the eight differences on the bottom picture and list them in an e-mail with the subject "wrs Revolution 3". Send this e-mail to: sigrid.donovan@windpower-renewable-solutions.com for your chance to win one of the following prizes:

- 1. A wrs polo shirt;
 - 2. A scale model of a Vestas V90 turbine;
 - 3.-5. A wrs mouse mat
- Deadline for entering the prize draw is 16th April 2010. Good Luck!

Why not sponsor an animal from our nominated charity Brinsley Animal Rescue: www.brinsleyanimalrescue.org e. g "Boris" the blind bull or "Gilbert Grape" the guinea fowl



Check out our website
<http://www.windpower-renewable-solutions.com>
or call
01474 534251