



Minimising Offshore Wind Farm Cost and Risk

The exposure to danger, associated costs and risks involved in assembling offshore wind farms are huge, much more than normal shipping operations. For the technicians and companies doing this work, they take on jobs where safety must come first. But this can raise costs and jeopardise completion of the installation tasks on time.

These risks are recognised by the BWEA who will hold their BWEA Health & Safety 09 event in February 2009 (<http://www.bwea.com/safety/seminar09.html>). On the other hand, how much longer can we accept these risks and costs? There is always pressure on the price of electricity from offshore wind farms so any opportunity to reduce the CAPEX and OPEX costs as well as risk must be considered seriously.

The photo montage below shows some of the offshore assembly activities and associated risks.



Now imagine all this work could be done on-shore or in a dry dock, with much less risk.

The fully assembled wind turbine with its foundation system could be towed out to sea and placed exactly where it is required with no use of heavy life vessels, no high risk activities, no requirement for stable jack up vessels and a much faster installation process.

That is the key target of **Xanthus Energy Ltd** with their

new patented **SeaBreeze** offshore wind turbine foundation systems. No longer are high cost, specialised vessels required to install wind turbines offshore. Both risk and cost are hugely reduced. This is the dawn of a new age for offshore wind.

ACTION!

Contact Dr Lewis Lack for more details of how your company can reduce risk and cost.

Tel: +44 (0)7980 694808

Email: news@xanthusenergy.com